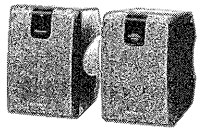
SA-VA55

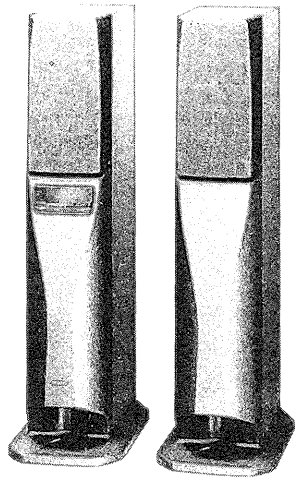
SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Chinese Model
PX Model

• TRANSMITTER



• REAR SPEAKER



• FRONT SPEAKER SYSTEM

SPECIFICATIONS

Audio Power Specifications

For center and front full range speakers: with 6 ohm loads, both channels driven, from 70 Hz – 20 kHz; rated 25 watts per channel minimum RMS power, with no more than 0.9% total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

Continuous RMS power output	total 170 W
Center full range	25 W + 25 W (6 ohms at 10 kHz,10 % THD)
Front full range	25W + 25W (6 ohms at 1 kHz, 10 % THD)
Super woofer	25 W + 25 W (6 ohms at 40 Hz, 10 % THD)
Rear	10 W + 10 W (8 ohms at 1 kHz, 10 % THD)
Input sensitivity/ Impedance	450 mV, 50 kilohms
Output sensitivity/ Impedance	1/2: 450 mV, 1 kilohm External Center: 25 W (at 6 ohms), 4–8 ohms Rear: Accepts only EMT-IF55 R-ch: Accepts only SA-VA55 R-ch speaker with supplied exclusive speaker cord
Tone control	
Front/Center	Bass: ±10 dB at 100 Hz Treble: ±10 dB at 10 kHz

Speaker section

Type	
Front speaker	Bassreflex type
Center speaker	Bassreflex type
DBR super woofer	SAW type
Rear speaker	Bassreflex type
Speaker unit	
Front speaker system	Center full range: 10 cm cone type (x2) Front tweeter: 2.5 cm balance dome type (x2) Front woofer: 12 cm cone type (x2) Super woofer: 16 cm cone type (x2)
Rear speaker	10 cm cone type (x2)

General

Power requirement	
Front speakers Rear speakers	US, Canadian, PX model : 120V AC, 60Hz AEP, UK, German, Malaysia, Singapore, Chinese, Australian model : 220 – 230 V AC, 50/60Hz
Power consumption	
Front speakers	US, Canadian, PX model : 85W AEP, UK, German, Malaysia, Singapore, Chinese, Australian model : 90W

— Continued on next page —

使用時は添付資料も参照のこと
Refer to the additional documents.

HOME THEATER ACTIVE SPEAKER SYSTEM

SONY®

Rear speakers	US, Canadian model : 28W AEP, UK, German, Malaysia, Singapore, Chinese, Australian model : 30W
Dimensions	Front/Center: Approx. 280 x 1040 x 450 mm (w/h/d, including speaker base) (11 x 41 x 17 $^{11}/_{16}$ inches) Rear: Approx. 131 x 186 x 161 mm (w/h/d) (5 $^{3}/_{16}$ x 7 $^{5}/_{16}$ x 6 $^{5}/_{16}$ inches)
Mass	Front (L): 24 kg (52 lb 14 oz) Front (R): 21 kg (46 lb 5 oz) Rear (active): 2.5 kg (5 lb 8 oz) Rear (passive): 1.5 kg (3 lb 5 oz)

Design and specifications are subject to change without notice.

Supplied accessories Rear speaker set SA-IF55 (1)
Infrared transmitter EMT-IF55 (1)
Front L/R speaker connecting cord, 3.5 m (1)
Speaker connecting cord, 10 m (1)
Audio connecting cord, 1.5 m (1)
Remote Commander RM-J55 (1)
Transmitter stand (1)
Sony batteries SUM-3 (NS) (2)

This speaker system incorporates the Dolby Pro Logic Surround System.*

* Manufactured under license from Dolby Laboratories Licensing Corporation. Additionally licensed under Canadian patent number 1,037,877. "Dolby," the double-D symbol ⊡ and "Pro Logic" are trademarks of Dolby Laboratories Licensing Corporation.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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SERVICE NOTE

[FL all light up mode]

While pressing the MASTER VOL+ button, insert the power plug into the power supply inlet.

[AUTO POWER SAVE MECHANISM]

A part of circuit on this unit will stop to economize in power if it has no signal after more than three minutes.
If a sound is input again, the normal circuit will operate.

[About the electrical adjustment]

The adjusting elements in the TRANSMITTER BOARD and RECEIVER BOARD have been adjusted at the time of delivering and repairing.
Do not change the position of those adjusting elements.

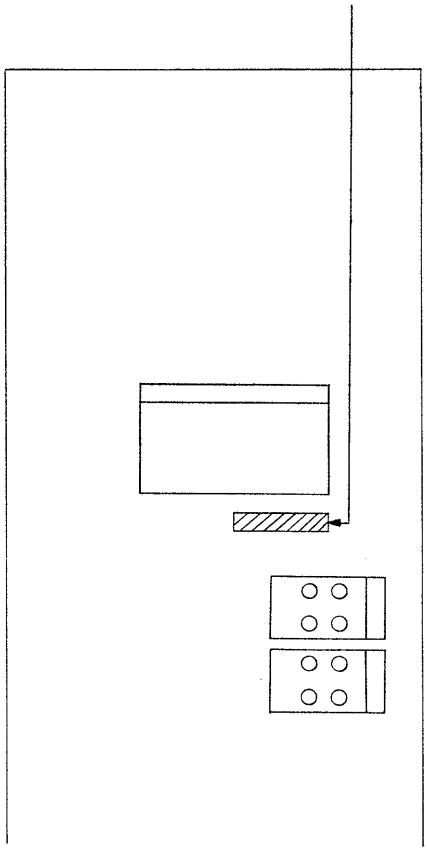
ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

MODEL IDENTIFICATION

— BACK PANEL —

4-975-281-0□ : US Model
4-975-281-1□ : CND Model
4-975-281-2□ : AEP, G Model
4-975-281-3□ : UK Model



- For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
- For detailed Australian model, refer to UK model.
- For detailed PX model, refer to US model.

Note:

- Abbreviation
  CND : Canadian model.
  G : German model.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

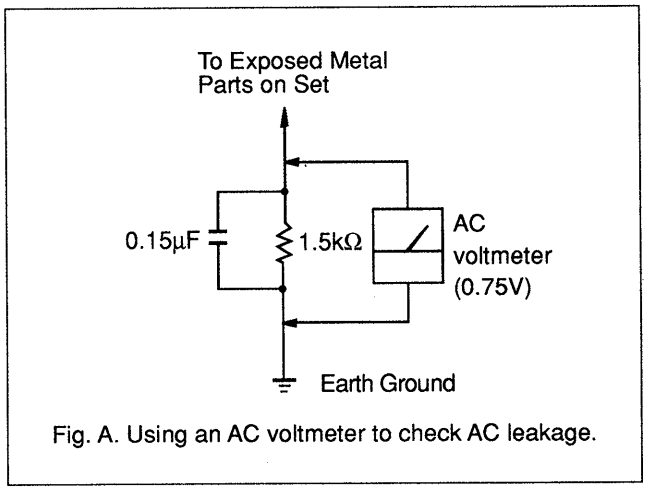
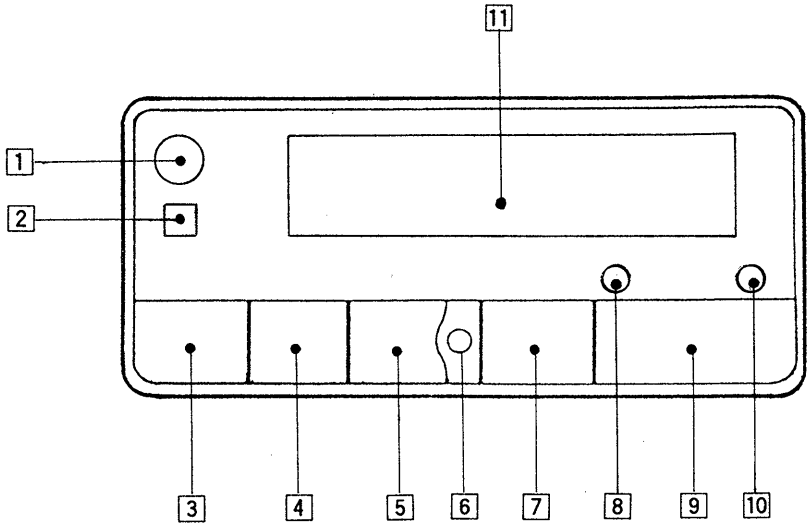


Fig. A. Using an AC voltmeter to check AC leakage.

SECTION 1
GENERAL

LOCATION OF CONTROLS

Front Panel



1 STANDBY indicator
2 Remote sensor
3 POWER button
4 INPUT button
5 SURROUND button
6 CENTER MODE button
7 S. WOOFER button
8 DIMMER button
9 MASTER VOL (+/–) button
10 MUTING button
11 Display button

This section is extracted from instruction manual.

Power turns on and off automatically

The speakers turn on automatically when a sound signal is input and turn off when you've finished watching a program and the sound signal goes out. So you don't have to bother using the power switch every time you use the system.

The speakers turn on and off automatically (Auto power on/off function)

Three minutes after the sound signal goes out (when you turn off the TV, or the currently playing video/laserdisc ends), the speakers turn off automatically and the POWER indicator turns red.

The speakers turn themselves back on the next time you turn on the TV or start playback from the VCR.

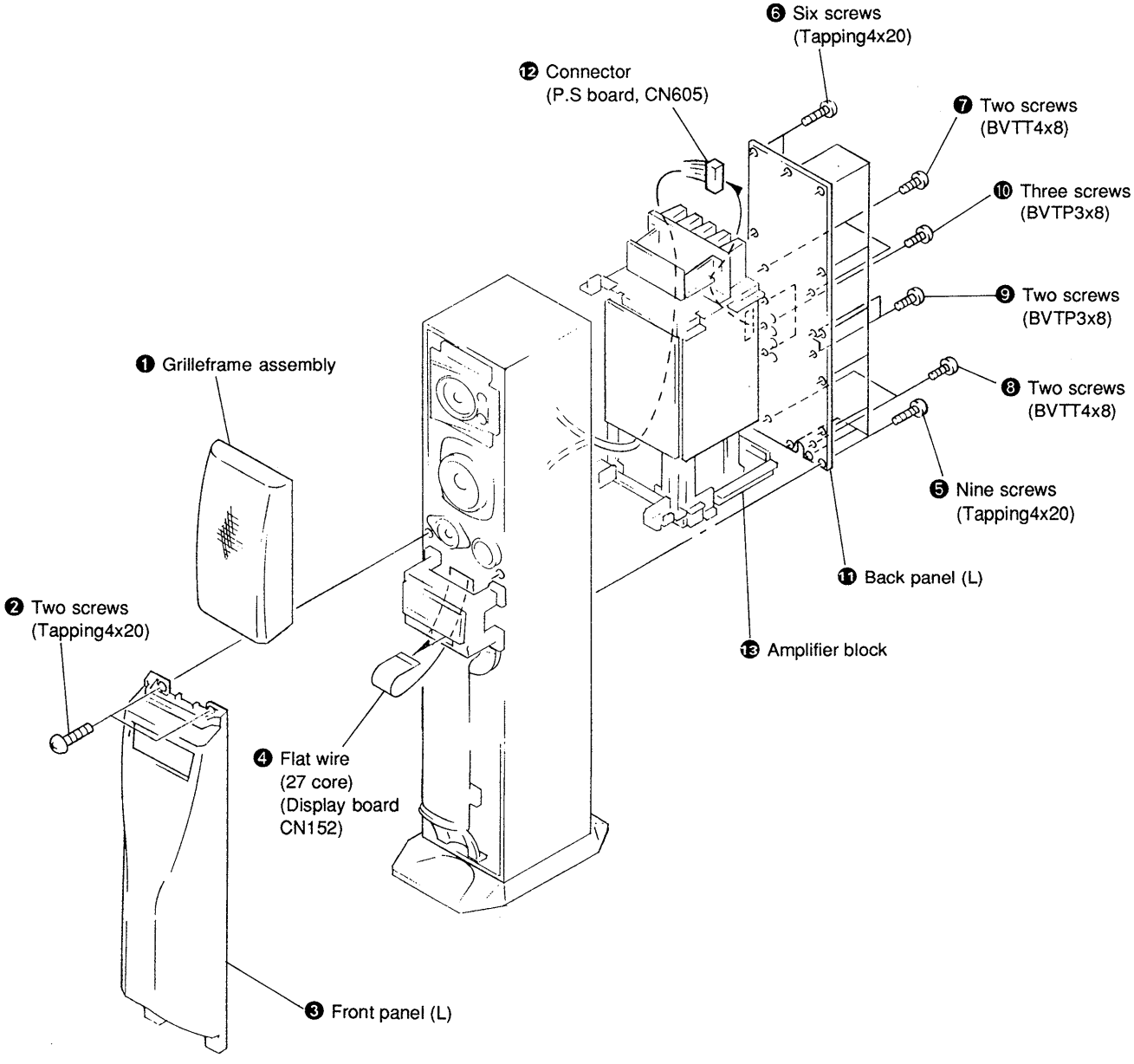
If you press POWER when the speakers are on

They enter standby mode and the auto power on/off function does not function. You have to press POWER again to turn on the speakers.

SECTION 2
DISASSEMBLY

• Remove the parts numbered in the figure (❶, etc.) in numerical order.

2-1. AMPLFIER BLOCK



SECTION 3
DIAGRAMS

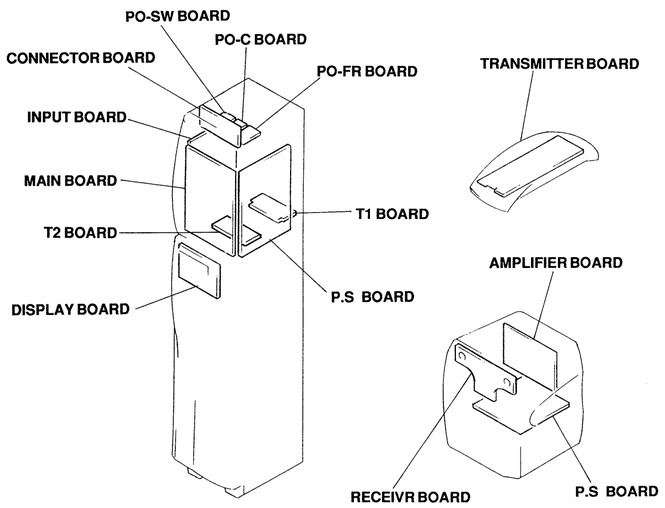
3-1. IC PIN FUNCTIONS

- **IC501 System Control IC (μPD78042AGF-054-3B9)**

Pin No.	Pin Name	I/O	Function
1 to 7	7G to 1G	O	FL grid control
8	VDD	–	Power supply terminal (+5V)
9, 10	——	–	Not used (Connected to GND)
11	SUR-CE	O	Dolby IC (IC103, 104) serial control
12	SUR-DATA	O	
13	SUR-CLK	O	
14	REAR SW	O	Rear speaker mute control
15	POWER IN CONT	O	Power amplifier control
16	REAR POWER	O	Rear speaker REG control
17	$\overline{\text{RESET}}$	I	System reset
18	FUNC INH	O	Selector (IC101) inhibit control
19	FUNC 1/2	O	Input select control (L: input 2 H: input 1)
20	AVSS	–	GND for A/D convertor
21	FRONT MUT	O	Mute control ("L"=Mute)
22	REAR MUT	O	
23	CENTER MUT	O	
24	SW MUT	O	
25	NC	–	Not used (Connected to GND)
26	A. POW SW	I	Audio signal detection (L: Sound input H: No sound input)
27	KEY 1	I	Key input (analog)
28	KEY 0	I	
29	AVDD	–	Analog power supply for A/D convertor
30	AVREF	–	Reference voltage for A/D convertor
31	STOP	I	Voltage detect
32	XT2	–	Not used (open)
33	VSS	–	GND
34	X1	I	Oscillation crystal (5 MHz) for main system clock
35	X2	O	
36	SW BOOST	O	SUB WOOFER boost control (H: off L: on)
37	NC	–	Not used (Connected to GND)
38	NC	–	
39	NC	–	
40	CENTER EXT-SW	I	Connecting detection of external center output (L: Connecting signal input H: No connecting signal input)

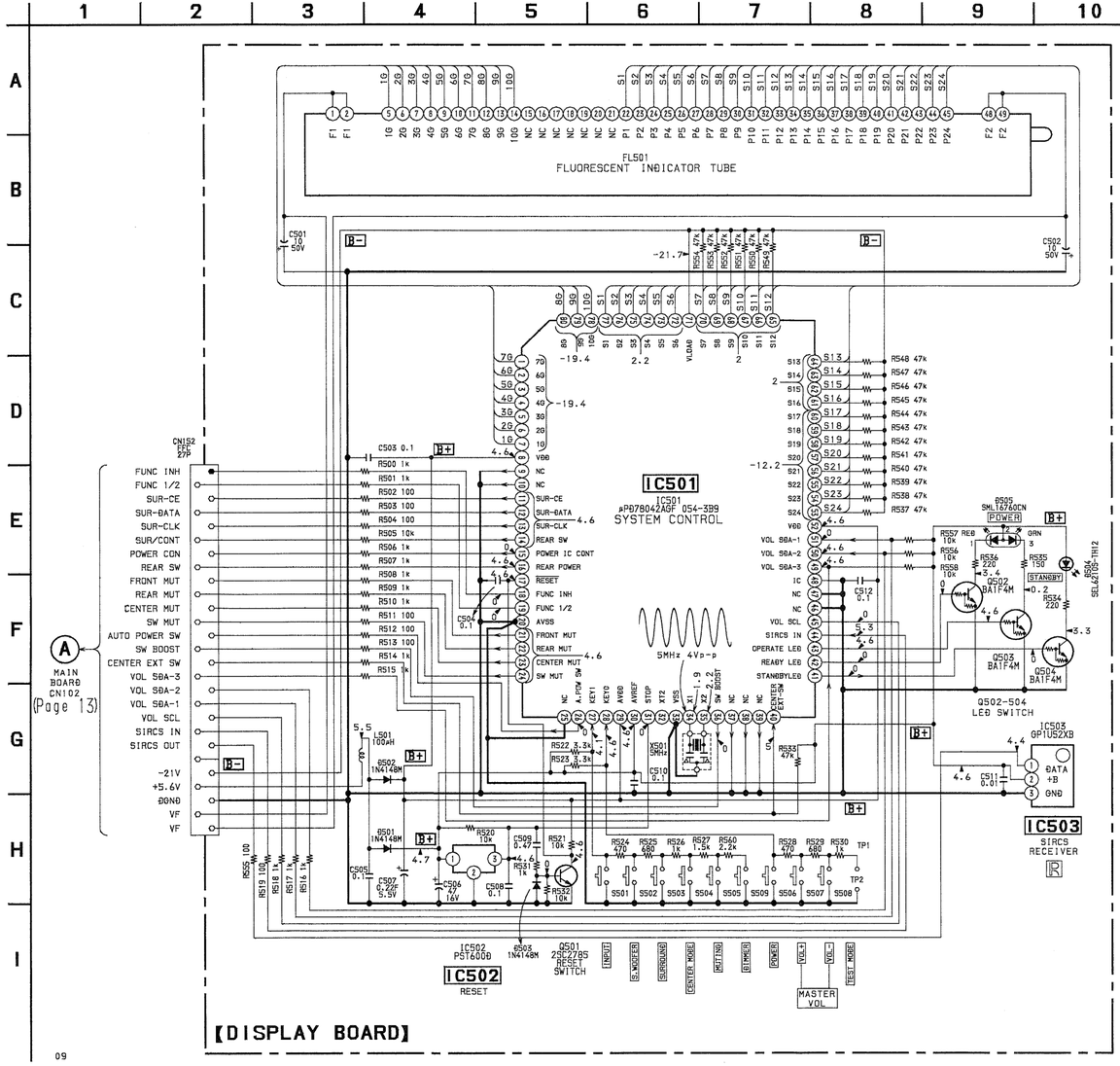
Pin No.	Pin Name	I/O	Function
41	STANDBY LED	O	LED control (L: Lighting)
42	READY LED	O	
43	OPRATE LED	O	
44	SIRCS IN	I	Remote control signal input
45	VOL SCL	O	VOL IC (IC202, 203, 304) serial control
46, 47	NC	–	Not used (Connected to GND)
48	IC	–	Internal connecting (Connected to GND)
49	VOL SDA-3	O	Electrical volume IC (IC202, 203, 304) serial control
50	VOL SDA-2	O	
51	VOL SDA-1	O	
52	VDD	–	Power supply (+5V)
53 to 70	S24 to S7	O	FL segment control
71	VLOAD	–	Power supply (–21V) for indication control
72 to 77	S6 to S1	O	FL segment control
78 to 80	10G to 8G	O	FL grid control

3-2. CIRCUIT BOARDS LOCATION



3-3. SCHEMATIC DIAGRAM — DISPLAY SECTION — (SA-VA55)

• See page 6 for IC Pin Function. (IC501)

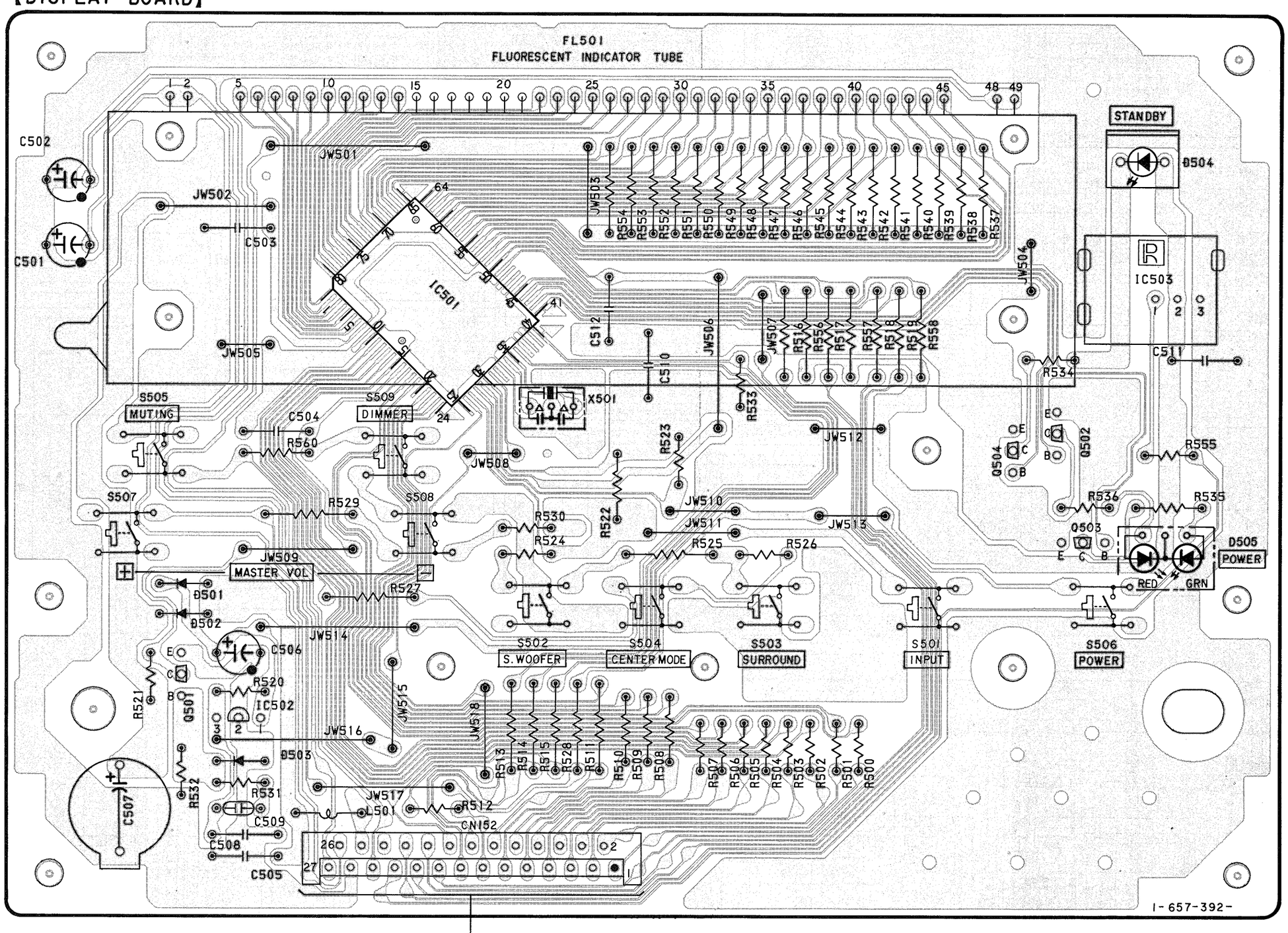


NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantaliums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.
- B+ : B+ Line.
- B– : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark: FL all light up (See Page 2)
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.

3-4. PRINTED WIRING BOARD — DISPLAY SECTION — (SA-VA55)

【DISPLAY BOARD】



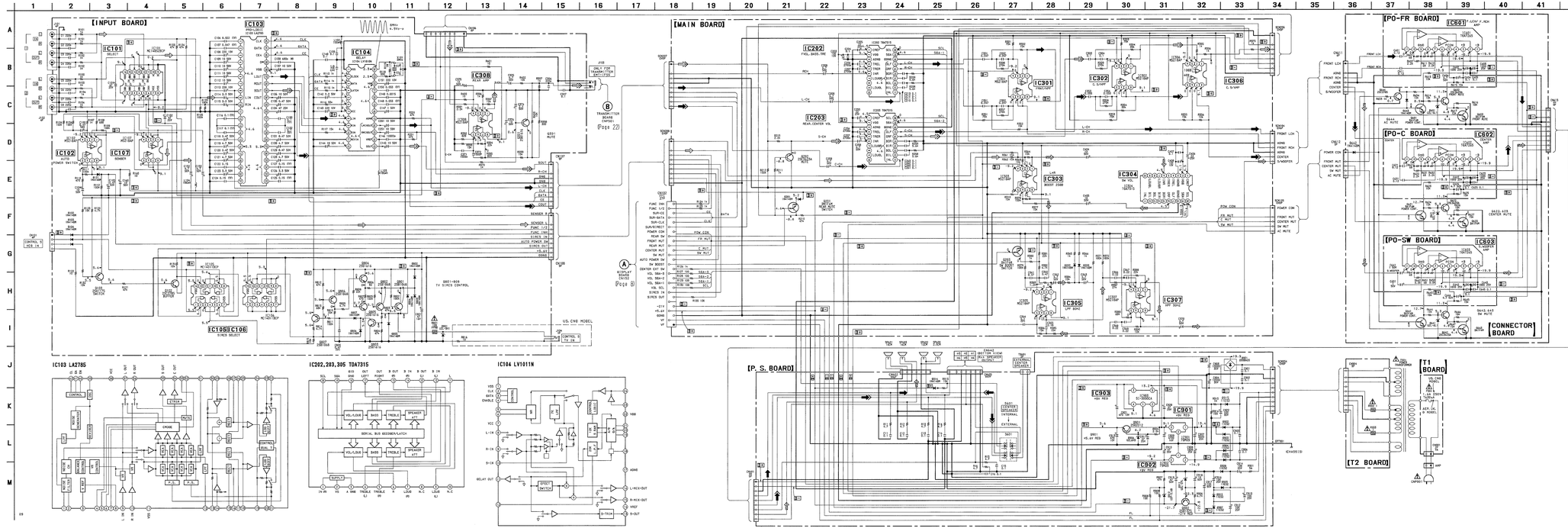
(Page 18) A MAIN BOARD CN102

- **Semiconductor Location**

Ref. No.	Location
D501	D-2
D502	D-2
D503	E-2
D504	B-7
D505	D-8
IC501	B-3
IC502	E-2
IC503	B-7
Q501	E-2
Q502	C-7
Q503	D-7
Q504	C-6

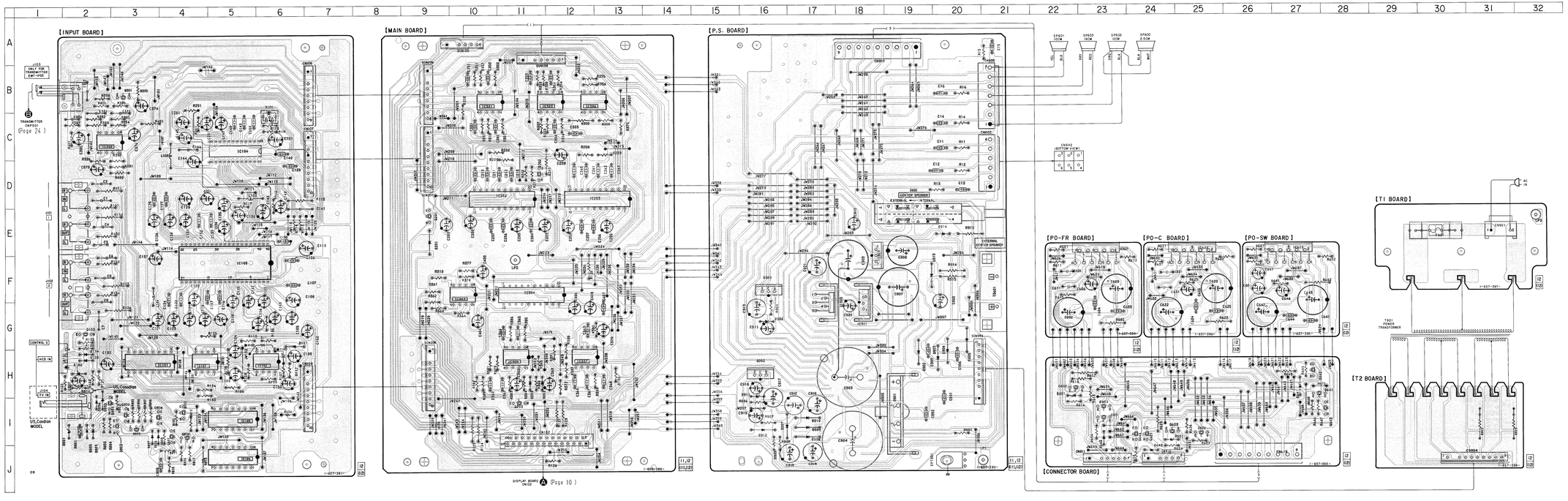
Note:
- ○—— : parts extracted from the component side.
- △ : internal component.
- ▭ : Pattern from the side which enable seeing.

3-5. SCHEMATIC DIAGRAM — FRONT SPEAKER SECTION — (SA-VA55)


[INPUT BOARD]
[MAIN BOARD]
[PO-FR BOARD]
[PO-C BOARD]
[PO-SW BOARD]
[CONNECTOR BOARD]
[P. S. BOARD]
[T1 BOARD]
[T2 BOARD]
IC103 LA2785
IC202,203,305 TDA7315
IC104 LV1011N
NOTE
• All capacitors are in μF unless otherwise noted. pF: μμF
50WV or less are not indicated except for electrolytics and tantalums.
• All resistors are in Ω and 1/4W or less unless otherwise specified.
• △ : Internal component.
• ■ : Nonflammable resistor.
• ▲ : Panel designation.
Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.
Note: Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
• : SW Line.
• : SP Line.
• For detailed EK model, refer to US model.
• For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
• For detailed Australian model, refer to UK model.
• Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark:FL all light up (See Page 2)
• Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
• Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
• Abbreviation
CND:Canadian model.
G:German model.
• Signal path.
: INPUT
: FRONT
: REAR
: CENTER
: WOOFER

3-6. PRINTED WIRING BOARD — FRONT SPEAKER SECTION — (SA-VA55)

• See page 7 for Circuit Boards Location.



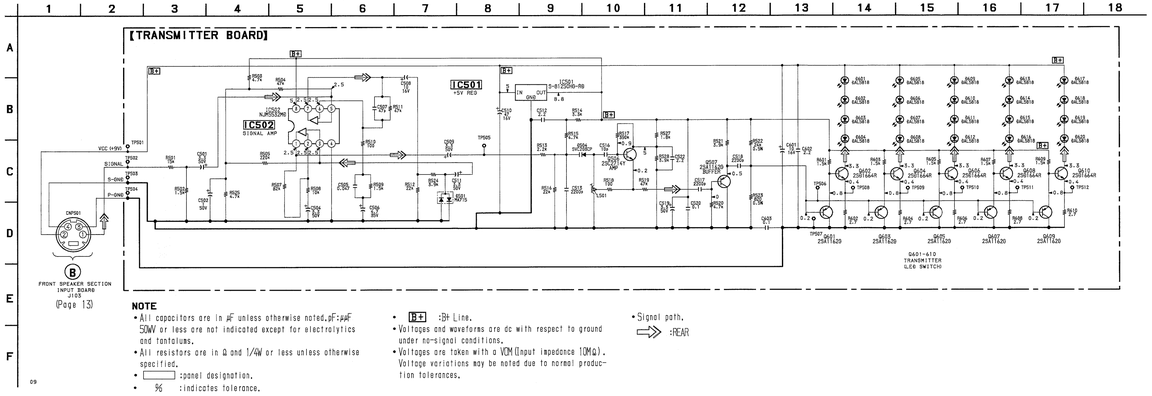
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D101	G-6	IC203	D-13
D102	H-2	IC301	B-10
D103	H-2	IC302	B-12
D104	H-2	IC303	F-10
D201	E-9	IC304	F-11
D202	H-11	IC305	H-11
D203	H-11	IC306	B-12
D601	H-22	IC307	H-12
D621	I-25	IC308	C-2
D641	I-27	IC601	E-23
D642	J-24	IC602	E-25
D643	J-23	IC603	E-27
D801	I-2	IC901	G-18
D802	I-2	IC902	F-18
D803	J-2	IC903	G-18
D804	I-2		
D805	J-2	Q102	I-4
D806	I-3	Q103	G-2
D807	I-3	Q201	E-9
D901	I-19	Q202	D-11
D902	H-19	Q203	I-11
D903	H-20	Q301	B-3
D904	H-20	Q601	I-23
D905	H-20	Q602	H-22
D906	G-16	Q603	I-23
D907	I-16	Q621	I-24
D908	I-17	Q622	I-25
D909	I-17	Q623	I-25
D910	I-17	Q641	H-28
D911	H-16	Q642	H-27
D912	I-16	Q643	I-28
D914	E-20	Q644	I-24
D915	F-20	Q801	I-3
		Q802	I-3
IC101	H-4	Q803	J-3
IC102	H-6	Q804	I-3
IC103	F-5	Q805	I-3
IC104	C-5	Q806	I-4
IC105	I-5	Q807	I-4
IC106	J-5	Q901	F-16
IC107	H-4	Q902	H-16
IC202	D-11		

Note:

- ○—— : parts extracted from the component side.
- ●—— : parts extracted from the conductor side.
- ■ : parts mounted on the conductor side.
- △ : internal component.
- ▨ : Pattern from the side which enable seeing.
- For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
- For detailed Australian model, refer to UK model.
- For detailed PX model, refer to US model.

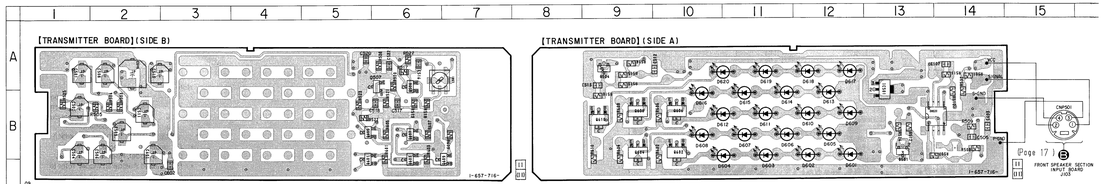
3-7. SCHEMATIC DIAGRAM — TRANSMITTER SECTION — (SA-IF55K)



NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF
  50WV or less are not indicated except for electrolytics and tantaliums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- [ ] : panel designation.
- % : indicates tolerance.
- B+ : B+ Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path. ⇒ : REAR

3-8. PRINTED WIRING BOARD — TRANSMITTER SECTION — (SA-IF55K)



Note:

- ●—— : parts extracted from the conductor side.
- ○ : Through hole.
- ▒▒ : Pattern from the side which enable seeing. (The other layer's patterns are not indicated.)

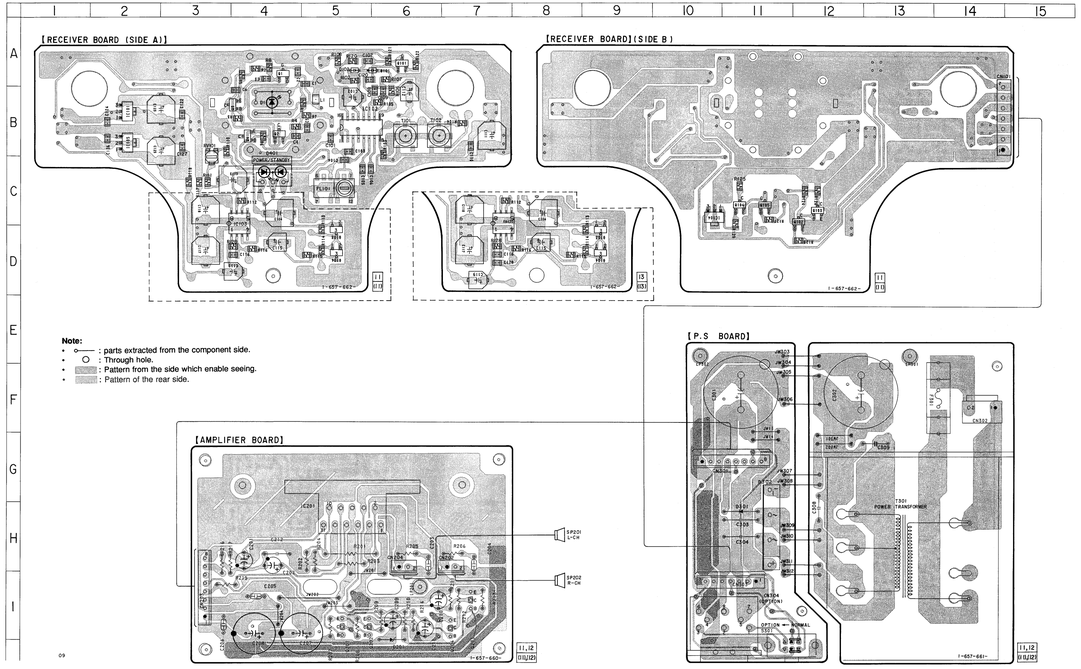
• Semiconductor Location

Ref. No.	Location
D501	C-13
D504	A-9
D601	C-12
D602	C-12
D603	C-11
D604	C-11
D605	B-12
D606	B-11
D607	B-11
D608	B-10
D609	B-12
D610	B-12
D611	B-11
D612	B-11
D613	B-12
D614	B-11
D615	B-11
D616	B-10
D617	A-12
D618	A-12
D619	A-11
D620	A-11
IC501	B-13
IC502	B-14
Q506	A-6
Q507	A-6
Q601	C-5
Q602	B-10
Q603	C-6
Q604	B-9
Q605	B-5
Q606	B-10
Q607	B-6
Q608	B-9
Q609	C-7
Q610	B-9

• Semiconductor Location

Ref. No.	Location
D1	A-6
D101	A-6
D102	A-5
D103	D-5
D104	D-5
D201	J-6
D301	H-11
D302	G-11
D401	B-4
IC101	B-2
IC102	B-5
IC103	C-4
IC104	C-10
IC105	B-2
IC201	H-5
Q1	A-4
Q2	B-4
Q3	B-4
Q4	B-4
Q101	A-6
Q102	C-12
Q103	C-12
Q104	C-11
Q105	C-11
Q201	J-5
Q202	J-5
Q203	J-7
Q204	J-7

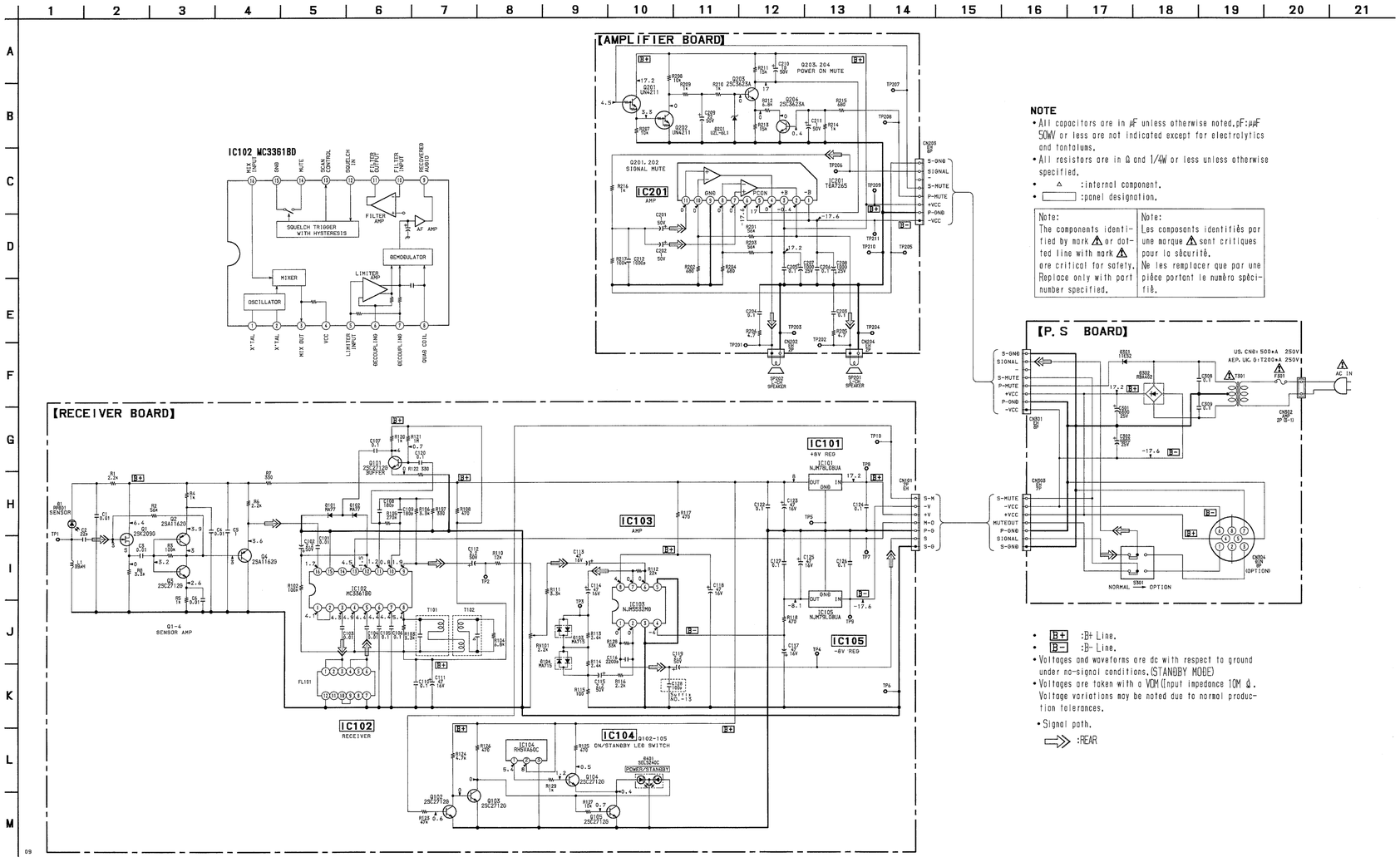
3-9. PRINTED WIRING BOARD — REAR SPEAKER SECTION — (SA-IF55K)



Note:

- ●—— : parts extracted from the component side.
- ○ : Through hole.
- ▒▒ : Pattern from the side which enable seeing.
- ▒▒ : Pattern of the rear side.

3-10. SCHEMATIC DIAGRAM — REAR SPEAKER SECTION — (SA-IF55K)


【AMPLIFIER BOARD】
【RECEIVER BOARD】
【P. S BOARD】
IC102 MC3361BD
IC201
IC101
IC103
IC104
IC105
IC102
Q201, 202 SIGNAL MUTE
Q203, 204 POWER ON MUTE
AMP
+8V REG
-8V REG
RECEIVER
ON/STANDBY LED SWITCH
SENSOR AMP
NOTE
• All capacitors are in μF unless otherwise noted. pF: μF 50WV or less are not indicated except for electrolytics and tantalums.
• All resistors are in Ω and 1/4W or less unless otherwise specified.
• △ :internal component.
• □ :panel designation.
Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.
Note: Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
• B+ :B+ Line.
• B- :B- Line.
• Voltages and waveforms are dc with respect to ground under no-signal conditions. (STANDBY MODE)
• Voltages are taken with a VOM (input impedance 10M Ω. Voltage variations may be noted due to normal production tolerances.
• Signal path.
⇒ :REAR
US, CN: 500mA 250V
AEP, UK, G: T200mA 250V
NORMAL
OPTION

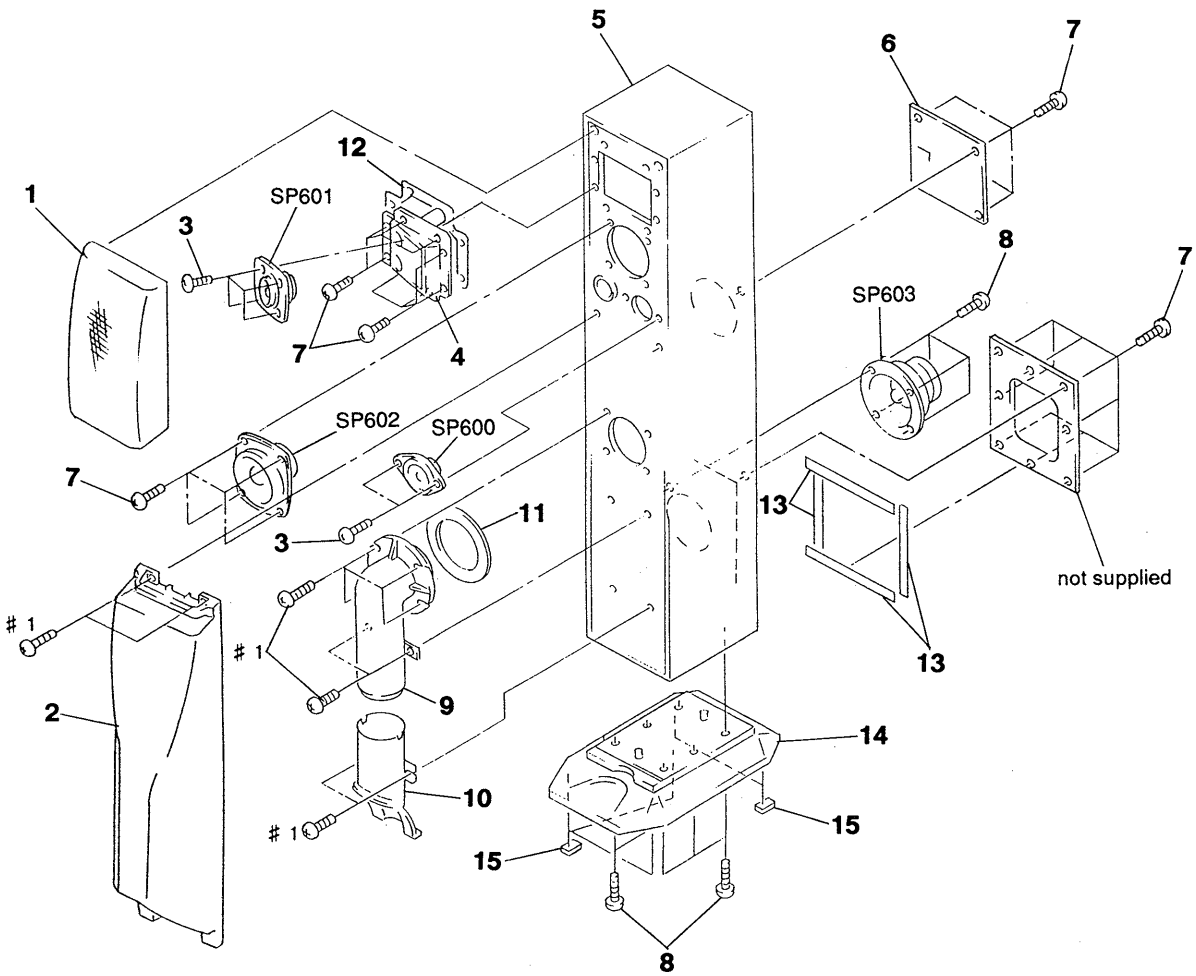
SECTION 4
EXPLODED VIEWS

NOTE:
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Color Indication of Appearance Parts Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts color Cabinet's color
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation
  CND : Canadian model
  G : German model
- For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
- For detailed Australian model, refer to UK model.
- For detailed PX model, refer to US model.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

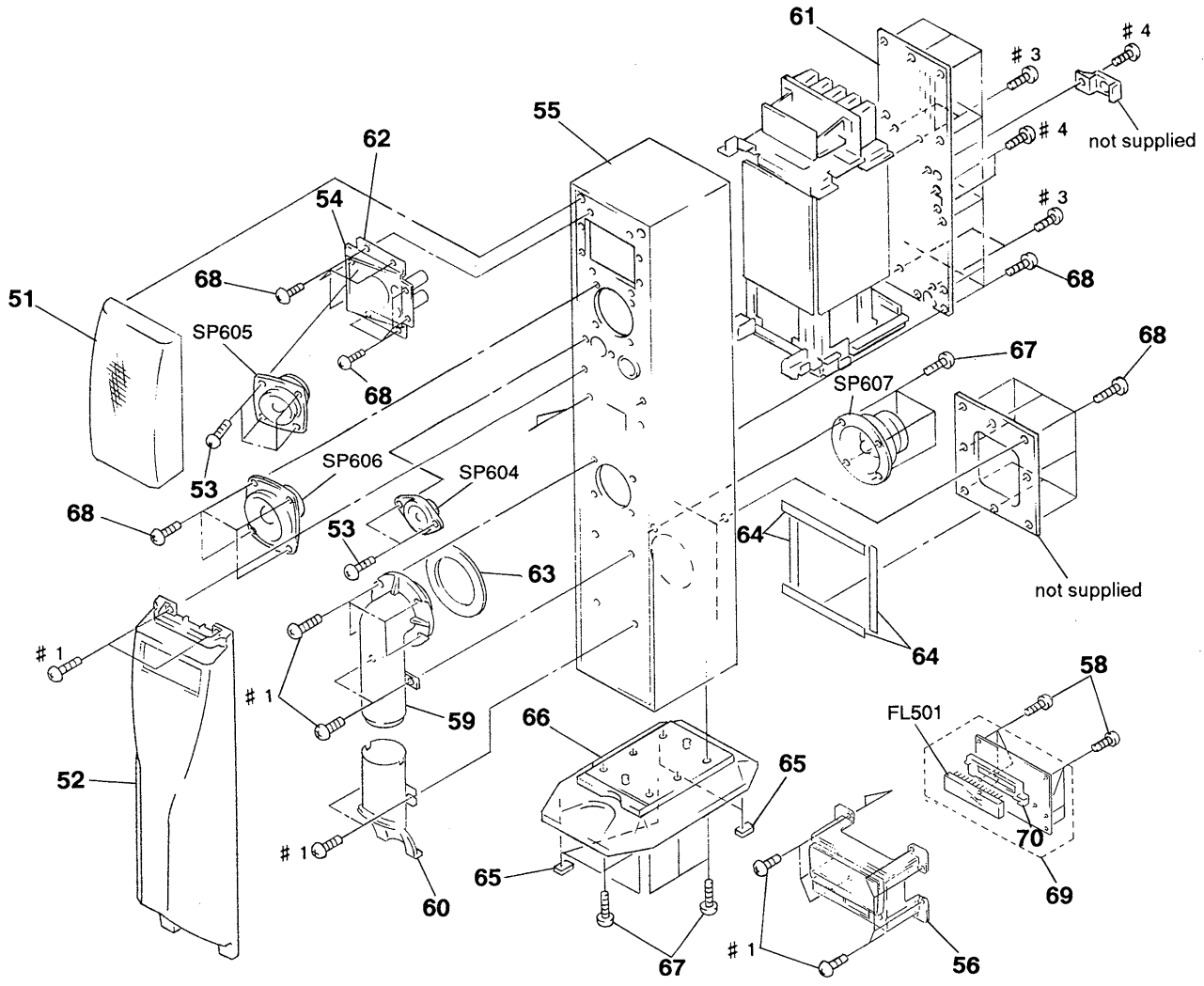
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

4-1. R SPEAKER SYSTEM SECTION



Ref. No.	Part No.	Description	Remark
1	X-4946-203-1	FRAME ASSY, GRILLE	
2	4-975-269-01	PANEL (R), FRONT	
3	4-874-614-61	SCREW +BVTP 3.5X16	
* 4	4-975-267-01	FRAME, SPEAKER	
* 5	A-4361-678-A	CABINET (R) ASSY, SPEAKER(US, CND, AEP, UK)	
* 5	A-4361-751-A	CABINET (R) ASSY, SPEAKER (G)	
* 6	4-975-280-01	PANEL (R), BACK	
7	4-914-430-11	SCREW (4X20), TAPPING	
* 9	4-975-272-01	DUCT (C)	
* 10	4-975-273-01	DUCT (D)	
* 11	4-975-306-01	PACKING (DUCT C)	
* 12	4-975-307-01	PACKING (SPEAKER FRAME)	
* 13	4-976-195-01	PACKING (SW)	
14	4-975-274-01	BASE	
15	4-967-287-01	CUSHION (A)	
SP600	1-504-912-11	SPEAKER (2.5CM)	
SP601	1-504-913-11	SPEAKER (10CM)	
SP602	1-504-914-11	SPEAKER (12CM)	
SP603	1-504-915-11	SPEAKER (16CM)	

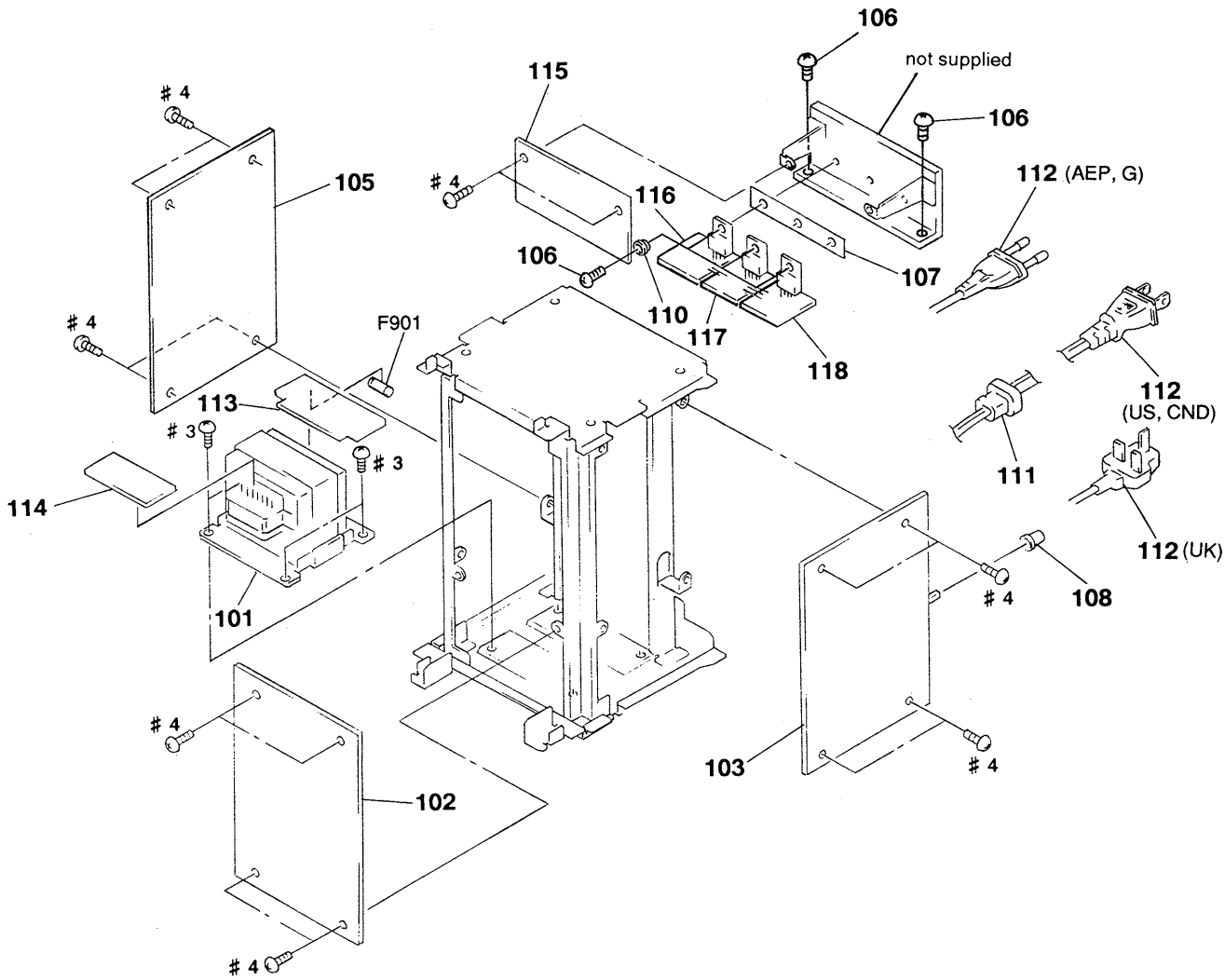
4-2. L SPEAKER SYSTEM SECTION



Ref. No.	Part No.	Description	Remark
51	X-4946-203-1	FRAME ASSY, GRILLE	
52	4-975-268-01	PANEL (L), FRONT	
53	4-874-614-61	SCREW +BVTP 3.5X16	
* 54	4-975-267-01	FRAME, SPEAKER	
* 55	A-4361-677-A	CABINET (L) ASSY, SPEAKER(US, CND, AEP, UK)	
* 55	A-4361-749-A	CABINET (L) ASSY, SPEAKER (G)	
56	X-4946-675-1	DISPLAY PANEL ASSY	
57	X-4946-206-1	BUTTON ASSY	
58	4-951-620-01	SCREW (2.6X8), +BVTP	
* 59	4-975-272-01	DUCT (C)	
* 60	4-975-273-01	DUCT (D)	
* 61	4-975-281-01	PANEL (L), BACK (US)	
* 61	4-975-281-11	PANEL (L), BACK (CND)	
* 61	4-975-281-21	PANEL (L), BACK (AEP, G)	
* 61	4-975-281-31	PANEL (L), BACK (UK)	

Ref. No.	Part No.	Description	Remark
* 62	4-975-307-01	PACKING (SPEAKER FRAME)	
* 63	4-975-306-01	PACKING (DUCT C)	
* 64	4-976-195-01	PACKING (SW)	
65	4-967-287-01	CUSHION (A)	
66	4-975-274-01	BASE	
67	4-907-233-11	SCREW (4X25), TAPPING	
68	4-914-430-11	SCREW (4X20), TAPPING	
* 69	A-4378-546-A	DISPLAY BOARD, COMPLETE	
* 70	4-975-283-01	HOLDER	
FL501	1-517-426-11	INDICATOR TUBE, FLUORESCENT	
SP604	1-504-912-11	SPEAKER (2.5CM)	
SP605	1-504-913-11	SPEAKER (10CM)	
SP606	1-504-914-11	SPEAKER (12CM)	
SP607	1-504-915-11	SPEAKER (16CM)	

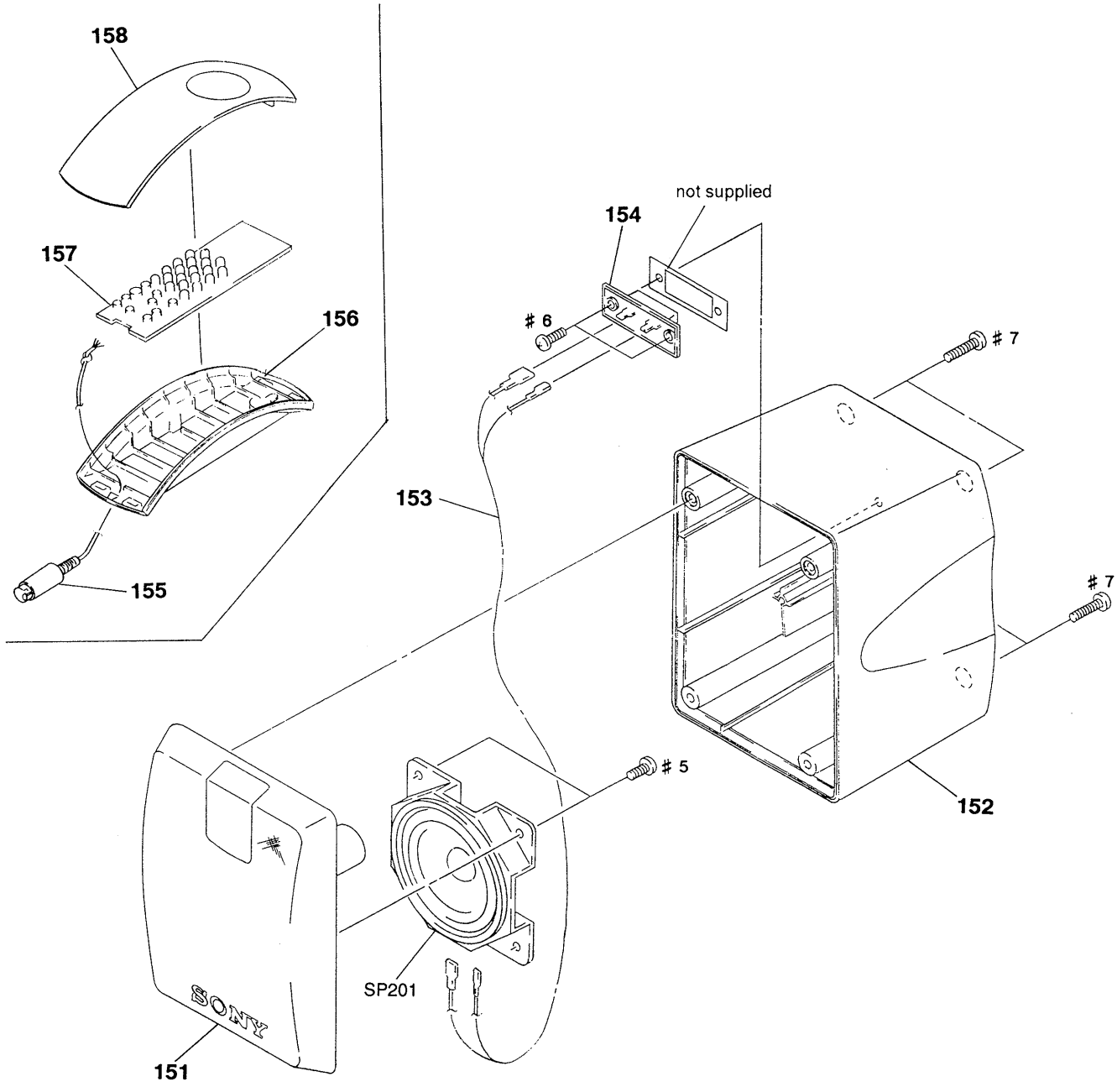
4-3. AMPLIFIER SECTION



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

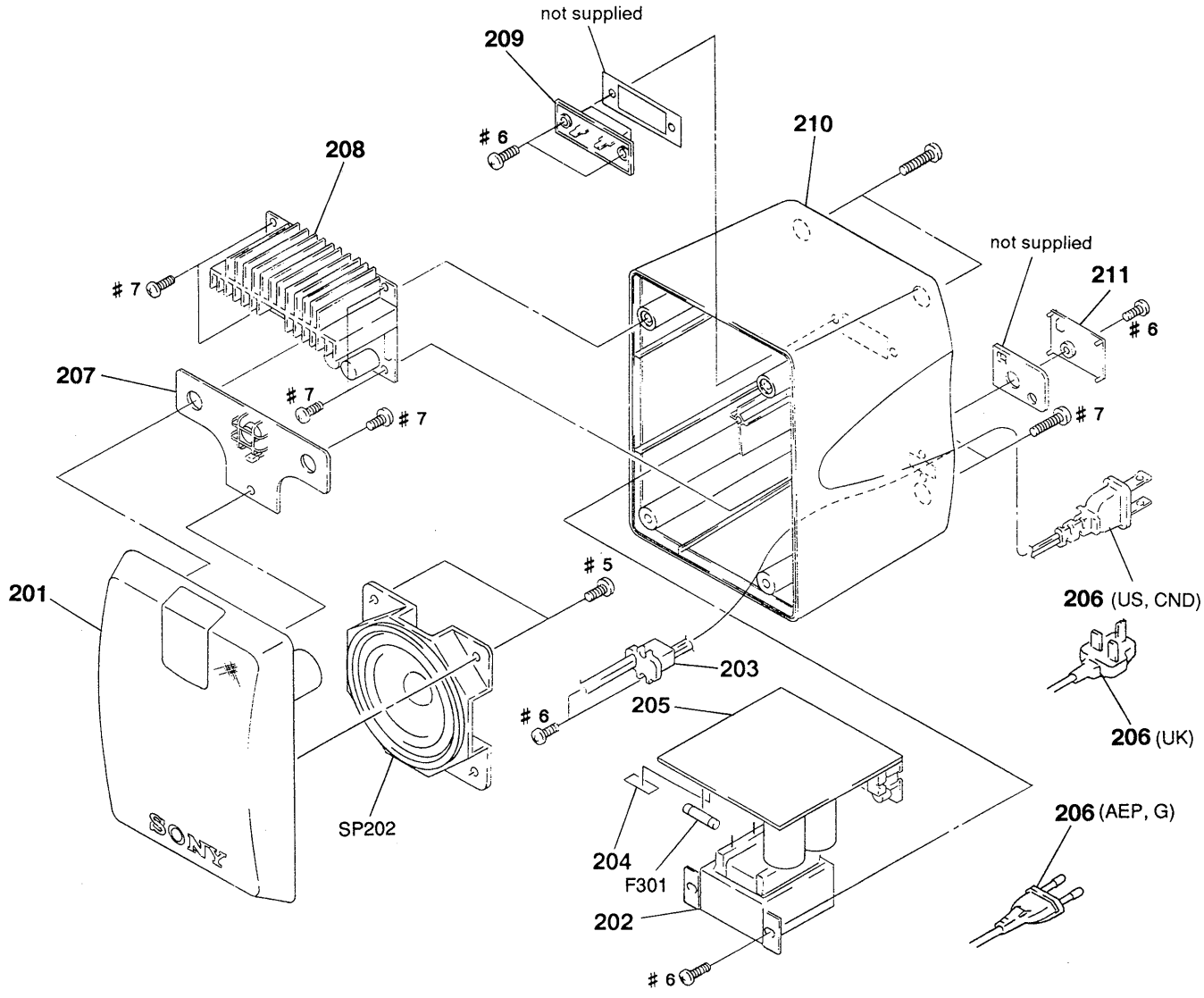
Ref. No.	Part No.	Description	Remark
⚠101	1-429-090-11	TRANSFORMER, POWER (US, CND)	
⚠101	1-429-091-11	TRANSFORMER, POWER (AEP, UK, G)	
* 102	A-4378-547-A	MAIN BOARD, COMPLETE	
* 103	A-4378-548-A	P. S BOARD, COMPLETE (FRONT)	
* 105	A-4378-549-A	INPUT BOARD, COMPLETE (US, CND)	
* 105	A-4378-635-A	INPUT BOARD, COMPLETE (AEP, UK, G)	
106	3-905-609-01	SCREW (TRANSISTOR)	
107	4-975-291-01	SHEET, INSULATING	
* 108	4-975-298-01	BUTTON (PUSH)	
110	2-371-561-00	BUSHING (P), INSULATING	
* 111	3-703-244-00	BUSHING (2104), CORD (AEP, UK, G)	
* 111	4-916-783-01	BUSHING, CORD (US, CND)	
⚠112	1-575-651-21	CORD, POWER (AEP, G)	
⚠112	1-690-958-11	CORD, POWER (US, CND)	
⚠112	1-751-529-11	CORD, POWER (UK)	
* 113	1-657-397-11	T1 BOARD	
* 114	1-657-398-11	T2 BOARD	
* 115	1-657-393-11	CONNECTOR BOARD	
* 116	1-657-395-11	PO-SW BOARD	
* 117	1-657-396-11	PO-C BOARD	
* 118	1-657-394-11	PO-FR BOARD	
⚠F901	1-532-284-00	FUSE, CYLINDRICAL (TIME-LAG) (T630mA/250V) (AEP, UK, G)	
⚠F901	1-576-103-11	FUSE (1.6A/250V) (US, CND)	

4-4. REAR R SPEAKER SYSTEM AND TMR SECTION



Ref. No.	Part No.	Description	Remark
151	X-4946-241-1	PANEL (R) ASSY, FRONT	
* 152	X-4946-242-1	CABINET (R) ASSY, SPEAKER	
153	1-775-758-11	LEAD (WITH CONNECTOR)	
154	1-536-881-41	TERMINAL BOARD (SPEAKER)	
155	1-775-407-11	CORD (WITH PLUG)	
156	4-975-507-01	CHASSIS	
* 157	A-4378-568-A	TRAMSMITTER BOARD, COMP	
158	4-975-506-01	COVER	
SP201	1-504-924-11	SPEAKER (10CM)	

4-5. REAR L SPEAKER SYSTEM SECTION



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
201	X-4946-239-1	PANEL (L) ASSY, FRONT	
202	1-429-134-11	TRANSFORMER, POWER (US, CND)	
202	1-429-135-11	TRANSFORMER, POWER (AEP, UK, G)	
203	4-975-490-01	BUSHING	
* 204	3-701-948-07	LABEL (T200MA), FUSE (AEP, UK, G)	
* 205	1-657-661-11	P.S BOARD (REAR)	
⚠206	1-775-412-11	CORD, POWER (US, CND)	
⚠206	1-775-413-11	CORD, POWER (AEP, G)	
⚠206	1-775-785-11	CORD, POWER (UK)	
* 207	A-4378-567-A	RECEIVER BOARD, COMPLET	
* 208	A-4378-565-A	AMPLIFIER BOARD, COMPLETE	
209	1-536-881-41	TERMINAL BOARD (SPEAKER)	
* 210	X-4946-240-1	CABINET (L) ASSY, SPEAKER	
211	4-977-418-01	COVER REAR	
⚠F301	1-532-819-11	FUSE (500mA/250V) (US, CND)	
⚠F301	1-532-613-XX	FUSE, CYLINDRICAL (TIME-LAG) (T200mA/250V) (AEP, UK, G)	
SP202	1-504-924-11	SPEAKER (10CM)	

SECTION 5
ELECTRICAL PARTS LIST

AMPLIFIER

CONNECTOR

NOTE:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- CAPACITORS
  uF : μF
- SEMICONDUCTORS
  In each case, u: μ , for example:
  uA...: μA..., uPA...: μPA..., uPB...: μPB..., uPC...: μPC..., uPD...: μPD...
- COILS
  uH : μH
- Abbreviation
  CND : Canadian model
  G : German model
- For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
- For detailed Australian model, refer to UK model.
- For detailed PX model, refer to US model.

Ref. No.	Part No.	Description				Remark
*	A-4378-565-A	AMPLIFIER BOARD, COMPLETE				
		**********				
		< CAPACITOR >				
C201	1-124-903-11	ELECT	1uF	20%	50V	
C202	1-124-903-11	ELECT	1uF	20%	50V	
C203	1-136-165-00	FILM	0.1uF	5%	50V	
C204	1-136-165-00	FILM	0.1uF	5%	50V	
C205	1-136-165-00	FILM	0.1uF	5%	50V	
C206	1-136-165-00	FILM	0.1uF	5%	50V	
C207	1-124-557-11	ELECT	1000uF	20%	25V	
C208	1-124-557-11	ELECT	1000uF	20%	25V	
C209	1-124-916-11	ELECT	22uF	20%	63V	
C210	1-124-907-11	ELECT	10uF	20%	50V	
C211	1-124-903-11	ELECT	1uF	20%	50V	
C212	1-162-294-31	CERAMIC	0.001uF	10%	50V	
		< CONNECTOR >				
* CN202	1-569-973-11	PIN, CONNECTOR (PC BOARD) 2P				
CN203	1-564-511-11	PLUG, CONNECTOR 8P				
* CN204	1-569-973-11	PIN, CONNECTOR (PC BOARD) 2P				
		< DIODE >				
D201	8-719-933-33	DIODE HZS6A1L				
		< IC >				
IC201	8-759-190-89	IC TDA7265				
		< TRANSISTOR >				
Q201	8-729-900-80	TRANSISTOR DTC114ES				
Q202	8-729-900-80	TRANSISTOR DTC114ES				
Q203	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q204	8-729-141-30	TRANSISTOR 2SC3623A-LK				
		< RESISTOR >				
R201	1-249-438-11	CARBON	56K	5%	1/4W	
R202	1-249-415-11	CARBON	680	5%	1/4W	F
R203	1-249-438-11	CARBON	56K	5%	1/4W	
R204	1-249-415-11	CARBON	680	5%	1/4W	F
R205	1-249-389-11	CARBON	4.7	5%	1/4W	F
R206	1-249-389-11	CARBON	4.7	5%	1/4W	F
R207	1-249-429-11	CARBON	10K	5%	1/4W	
R208	1-249-429-11	CARBON	10K	5%	1/4W	
R209	1-249-417-11	CARBON	1K	5%	1/4W	F
R210	1-249-417-11	CARBON	1K	5%	1/4W	F
R211	1-249-431-11	CARBON	15K	5%	1/4W	
R212	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R213	1-249-431-11	CARBON	15K	5%	1/4W	
R214	1-249-417-11	CARBON	1K	5%	1/4W	F
R215	1-249-415-11	CARBON	680	5%	1/4W	F
R216	1-249-417-11	CARBON	1K	5%	1/4W	F
R217	1-249-441-11	CARBON	100K	5%	1/4W	
**********						
*	1-657-393-11	CONNECTOR BOARD				
		**********				
		< CONNECTOR >				
CN611	1-691-768-11	PLUG (MICRO CONNECTOR) 6P				
CN612	1-691-767-11	PLUG (MICRO CONNECTOR) 5P				
* CN613	1-564-905-11	PIN, CONNECTOR 9P				
		< DIODE >				
D601	8-719-933-33	DIODE HZS6A1L				
D621	8-719-933-33	DIODE HZS6A1L				
D641	8-719-933-33	DIODE HZS6A1L				
D642	8-719-987-63	DIODE 1N4148M				
D643	8-719-987-63	DIODE 1N4148M				
		< TRANSISTOR >				
Q601	8-729-900-36	TRANSISTOR DTC124ES				
Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q603	8-729-900-36	TRANSISTOR DTC124ES				
Q621	8-729-900-36	TRANSISTOR DTC124ES				
Q622	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q623	8-729-900-36	TRANSISTOR DTC124ES				
Q641	8-729-900-36	TRANSISTOR DTC124ES				
Q642	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q643	8-729-900-36	TRANSISTOR DTC124ES				
Q644	8-729-119-79	TRANSISTOR 2SC2785-FEK				
		< RESISTOR >				
R613	1-249-429-11	CARBON	10K	5%	1/4W	

CONNECTOR | DISPLAY

Ref. No.	Part No.	Description				Remark
R614	1-249-429-11	CARBON	10K	5%	1/4W	
R616	1-249-432-11	CARBON	18K	5%	1/4W	
R617	1-249-431-11	CARBON	15K	5%	1/4W	
R623	1-249-429-11	CARBON	10K	5%	1/4W	
R624	1-249-429-11	CARBON	10K	5%	1/4W	
R626	1-249-432-11	CARBON	18K	5%	1/4W	
R627	1-249-431-11	CARBON	15K	5%	1/4W	
R643	1-249-429-11	CARBON	10K	5%	1/4W	
R644	1-249-429-11	CARBON	10K	5%	1/4W	
R646	1-249-432-11	CARBON	18K	5%	1/4W	
R647	1-249-431-11	CARBON	15K	5%	1/4W	
R653	1-249-417-11	CARBON	1K	5%	1/4W	F
R654	1-249-429-11	CARBON	10K	5%	1/4W	
**********						
*	A-4378-546-A	DISPLAY BOARD, COMPLETE				
		**********				
*	4-975-283-01	HOLDER				
		< CAPACITOR >				
C501	1-124-261-00	ELECT	10uF	20%	50V	
C502	1-124-261-00	ELECT	10uF	20%	50V	
C503	1-164-159-21	CERAMIC	0.1uF		50V	
C504	1-164-159-21	CERAMIC	0.1uF		50V	
C505	1-164-159-21	CERAMIC	0.1uF		50V	
C506	1-124-589-11	ELECT	47uF	20%	16V	
C507	1-104-905-11	DOUBLE LAYERS	0.22F		5.5V	
C508	1-164-159-21	CERAMIC	0.1uF		50V	
C509	1-136-173-00	FILM	0.47uF	5%	50V	
C510	1-164-159-21	CERAMIC	0.1uF		50V	
C511	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C512	1-164-159-21	CERAMIC	0.1uF		50V	
		< CONNECTOR >				
* CN152	1-568-842-11	SOCKET, CONNECTOR 27P				
		< DIODE >				
D501	8-719-987-63	DIODE	1N4148M			
D502	8-719-987-63	DIODE	1N4148M			
D503	8-719-987-63	DIODE	1N4148M			
D504	8-719-313-48	DIODE	SEL6210S-TH12 (STANDBY)			
D505	8-719-045-89	DIODE	SML16760CN-TP4 (POWER)			
		< FLUORESCENT INDICATOR >				
FL501	1-517-426-11	INDICATOR TUBE, FLUORESCENT				
		< IC >				
IC501	8-759-343-93	IC	uPD78042AGF-054-3B9			
IC502	8-759-165-81	IC	PST600D			

Ref. No.	Part No.	Description				Remark
IC503	8-749-920-83	IC	GP1U52XB			
		< COIL >				
L501	1-410-521-11	INDUCTOR	100uH			
		< TRANSISTOR >				
Q501	8-729-119-79	TRANSISTOR	2SC2785-FEK			
Q502	8-729-900-36	TRANSISTOR	DTC124ES			
Q503	8-729-900-36	TRANSISTOR	DTC124ES			
Q504	8-729-900-36	TRANSISTOR	DTC124ES			
		< RESISTOR >				
R500	1-249-417-11	CARBON	1K	5%	1/4W	F
R501	1-249-417-11	CARBON	1K	5%	1/4W	F
R502	1-247-807-31	CARBON	100	5%	1/4W	
R503	1-247-807-31	CARBON	100	5%	1/4W	
R504	1-247-807-31	CARBON	100	5%	1/4W	
R505	1-249-429-11	CARBON	10K	5%	1/4W	
R506	1-249-417-11	CARBON	1K	5%	1/4W	F
R507	1-249-417-11	CARBON	1K	5%	1/4W	F
R508	1-249-417-11	CARBON	1K	5%	1/4W	F
R509	1-249-417-11	CARBON	1K	5%	1/4W	F
R510	1-249-417-11	CARBON	1K	5%	1/4W	F
R511	1-247-807-31	CARBON	100	5%	1/4W	
R512	1-247-807-31	CARBON	100	5%	1/4W	
R513	1-247-807-31	CARBON	100	5%	1/4W	
R514	1-249-417-11	CARBON	1K	5%	1/4W	F
R515	1-249-417-11	CARBON	1K	5%	1/4W	F
R516	1-249-417-11	CARBON	1K	5%	1/4W	F
R517	1-249-417-11	CARBON	1K	5%	1/4W	F
R518	1-249-417-11	CARBON	1K	5%	1/4W	F
R519	1-247-807-31	CARBON	100	5%	1/4W	
R520	1-249-429-11	CARBON	10K	5%	1/4W	
R521	1-249-429-11	CARBON	10K	5%	1/4W	
R522	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R523	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R524	1-249-413-11	CARBON	470	5%	1/4W	F
R525	1-249-415-11	CARBON	680	5%	1/4W	F
R526	1-249-417-11	CARBON	1K	5%	1/4W	F
R527	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R528	1-249-413-11	CARBON	470	5%	1/4W	F
R529	1-249-415-11	CARBON	680	5%	1/4W	F
R530	1-249-417-11	CARBON	1K	5%	1/4W	F
R531	1-249-417-11	CARBON	1K	5%	1/4W	F
R532	1-249-429-11	CARBON	10K	5%	1/4W	
R533	1-249-437-11	CARBON	47K	5%	1/4W	
R534	1-247-815-91	CARBON	220	5%	1/4W	
R535	1-249-407-11	CARBON	150	5%	1/4W	F
R536	1-247-815-91	CARBON	220	5%	1/4W	
R537	1-249-437-11	CARBON	47K	5%	1/4W	

Ref. No.	Part No.	Description				Remark
R538	1-249-437-11	CARBON	47K	5%	1/4W	
R539	1-249-437-11	CARBON	47K	5%	1/4W	
R540	1-249-437-11	CARBON	47K	5%	1/4W	
R541	1-249-437-11	CARBON	47K	5%	1/4W	
R542	1-249-437-11	CARBON	47K	5%	1/4W	
R543	1-249-437-11	CARBON	47K	5%	1/4W	
R544	1-249-437-11	CARBON	47K	5%	1/4W	
R545	1-249-437-11	CARBON	47K	5%	1/4W	
R546	1-249-437-11	CARBON	47K	5%	1/4W	
R547	1-249-437-11	CARBON	47K	5%	1/4W	
R548	1-249-437-11	CARBON	47K	5%	1/4W	
R549	1-249-437-11	CARBON	47K	5%	1/4W	
R550	1-249-437-11	CARBON	47K	5%	1/4W	
R551	1-249-437-11	CARBON	47K	5%	1/4W	
R552	1-249-437-11	CARBON	47K	5%	1/4W	
R553	1-249-437-11	CARBON	47K	5%	1/4W	
R554	1-249-437-11	CARBON	47K	5%	1/4W	
R555	1-247-807-31	CARBON	100	5%	1/4W	
R556	1-249-429-11	CARBON	10K	5%	1/4W	
R557	1-249-429-11	CARBON	10K	5%	1/4W	
R558	1-249-429-11	CARBON	10K	5%	1/4W	
R560	1-249-421-11	CARBON	2.2K	5%	1/4W	F
		< SWITCH >				
S501	1-554-303-21	SWITCH, TACTILE (INPUT)				
S502	1-554-303-21	SWITCH, TACTILE (S.WOOFER)				
S503	1-554-303-21	SWITCH, TACTILE (SURROUND)				
S504	1-554-303-21	SWITCH, TACTILE (CENTER MODE)				
S505	1-554-303-21	SWITCH, TACTILE (MUTING)				
S506	1-554-303-21	SWITCH, TACTILE (POWER)				
S507	1-554-303-21	SWITCH, TACTILE (MASTER VOL +)				
S508	1-554-303-21	SWITCH, TACTILE (MASTER VOL -)				
S509	1-554-303-21	SWITCH, TACTILE (DIMMER)				
		< VIBRATOR >				
X501	1-579-233-11	VIBRATOR, CERAMIC (5MHz)				
**********						
*	A-4378-549-A	INPUT BOARD, COMPLETE (US,CND)				
		**********				
*	A-4378-635-A	INPUT BOARD, COMPLETE (AEP,UK,G)				
		**********				
		< CAPACITOR >				
C1	1-162-286-21	CERAMIC	220PF	10%	50V	
C2	1-162-286-21	CERAMIC	220PF	10%	50V	
C3	1-162-286-21	CERAMIC	220PF	10%	50V	
C4	1-162-286-21	CERAMIC	220PF	10%	50V	
C5	1-162-286-21	CERAMIC	220PF	10%	50V	
C6	1-162-286-21	CERAMIC	220PF	10%	50V	
C7	1-162-286-21	CERAMIC	220PF	10%	50V	
C8	1-162-286-21	CERAMIC	220PF	10%	50V	
C101	1-124-477-11	ELECT	47uF	20%	25V	
C102	1-124-477-11	ELECT	47uF	20%	25V	
C103	1-124-902-00	ELECT	0.47uF	20%	50V	
C104	1-124-907-11	ELECT	10uF	20%	50V	
C105	1-124-902-00	ELECT	0.47uF	20%	50V	
C106	1-136-157-00	FILM	0.022uF	5%	50V	
C107	1-136-161-00	FILM	0.047uF	5%	50V	
C108	1-104-666-11	ELECT	220uF	20%	10V	
C109	1-124-907-11	ELECT	10uF	20%	50V	
C110	1-124-907-11	ELECT	10uF	20%	50V	
C111	1-124-907-11	ELECT	10uF	20%	50V	
C112	1-124-907-11	ELECT	10uF	20%	50V	
C113	1-104-666-11	ELECT	220uF	20%	10V	
C114	1-126-962-11	ELECT	3.3uF	20%	50V	
C115	1-126-962-11	ELECT	3.3uF	20%	50V	
C116	1-136-165-00	FILM	0.1uF	5%	50V	
C117	1-136-165-00	FILM	0.1uF	5%	50V	
C118	1-124-902-00	ELECT	0.47uF	20%	50V	
C119	1-126-963-11	ELECT	4.7uF	20%	50V	
C120	1-124-902-00	ELECT	0.47uF	20%	50V	
C121	1-126-963-11	ELECT	4.7uF	20%	50V	
C122	1-136-167-00	FILM	0.15uF	5%	50V	
C123	1-126-962-11	ELECT	3.3uF	20%	50V	
C124	1-136-167-00	FILM	0.15uF	5%	50V	
C125	1-136-167-00	FILM	0.15uF	5%	50V	
C126	1-126-962-11	ELECT	3.3uF	20%	50V	
C127	1-136-167-00	FILM	0.15uF	5%	50V	
C128	1-126-963-11	ELECT	4.7uF	20%	50V	
C129	1-124-902-00	ELECT	0.47uF	20%	50V	
C130	1-126-963-11	ELECT	4.7uF	20%	50V	
C131	1-124-902-00	ELECT	0.47uF	20%	50V	
C132	1-136-165-00	FILM	0.1uF	5%	50V	
C133	1-136-165-00	FILM	0.1uF	5%	50V	
C134	1-124-477-11	ELECT	47uF	20%	25V	
C135	1-124-902-00	ELECT	0.47uF	20%	50V	
C136	1-124-907-11	ELECT	10uF	20%	50V	
C137	1-124-907-11	ELECT	10uF	20%	50V	
C138	1-137-363-91	FILM	680PF	5%	50V	
C139	1-136-165-00	FILM	0.1uF	5%	50V	
C140	1-136-165-00	FILM	0.1uF	5%	50V	
C141	1-162-286-21	CERAMIC	220PF	10%	50V	
C142	1-124-925-11	ELECT	2.2uF	20%	100V	
C143	1-104-666-11	ELECT	220uF	20%	10V	
C144	1-124-907-11	ELECT	10uF	20%	50V	
C145	1-124-907-11	ELECT	10uF	20%	50V	
C146	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C147	1-124-903-11	ELECT	1uF	20%	50V	

INPUT

Ref.No.	Part No.	Description				Remark
C148	1-136-159-00	FILM	0.033uF	5%	50V	
C149	1-137-365-11	FILM	0.0015uF	5%	50V	
C150	1-136-159-00	FILM	0.033uF	5%	50V	
C151	1-104-666-11	ELECT	220uF	20%	10V	
C152	1-126-963-11	ELECT	4.7uF	20%	50V	
C153	1-126-963-11	ELECT	4.7uF	20%	50V	
C160	1-124-907-11	ELECT	10uF	20%	50V	
C201	1-124-907-11	ELECT	10uF	20%	50V	
C251	1-124-907-11	ELECT	10uF	20%	50V	
C305	1-126-963-11	ELECT	4.7uF	20%	50V	
C306	1-162-286-21	CERAMIC	220PF	10%	50V	
C307	1-164-159-21	CERAMIC	0.1MF		50V	
C371	1-162-301-11	CERAMIC	0.0015uF	20%	16V	
C372	1-162-301-11	CERAMIC	0.0015uF	20%	16V	
C374	1-124-925-11	ELECT	2.2uF	20%	100V	
C375	1-124-907-11	ELECT	10uF	20%	50V	
C376	1-124-907-11	ELECT	10uF	20%	50V	
C801	1-104-664-11	ELECT	47uF	20%	16V	
C803	1-136-173-00	FILM	0.47uF	5%	50V	
		< CONNECTOR >				
CN101	1-564-980-11	PIN, CONNECTOR 4P (CONTROL S HCD IN)				
CN106	1-691-770-11	PLUG (MICRO CONNECTOR) 8P				
CN107	1-691-771-11	PLUG (MICRO CONNECTOR) 9P				
CN108	1-691-771-11	PLUG (MICRO CONNECTOR) 9P				
		< DIODE >				
D101	8-719-987-63	DIODE	1N4148M			
D102	8-719-987-63	DIODE	1N4148M			
D103	8-719-987-63	DIODE	1N4148M			
D104	8-719-987-63	DIODE	1N4148M			
D801	8-719-933-54	DIODE	HZS9A2L			
D802	8-719-987-63	DIODE	1N4148M			
D803	8-719-987-63	DIODE	1N4148M			
D804	8-719-987-63	DIODE	1N4148M			
D805	8-719-987-63	DIODE	1N4148M			
D806	8-719-987-63	DIODE	1N4148M			
D807	8-719-987-63	DIODE	1N4148M			
		< IC >				
IC101	8-759-000-48	IC	MC14052BCP			
IC102	8-759-634-51	IC	M5218AP			
IC103	8-759-248-74	IC	LA2785			
IC104	8-759-168-98	IC	LV1010N			
IC105	8-759-140-11	IC	uPD4011BC			
IC106	8-759-140-11	IC	uPD4011BC			
IC107	8-759-634-51	IC	M5218AP			
IC308	8-759-634-51	IC	M5218AP			

Ref.No.	Part No.	Description				Remark
		< JACK >				
J101	1-766-851-11	JACK, PIN 4P (1 IN/OUT)				
J102	1-766-851-11	JACK, PIN 4P (2 IN/OUT)				
J103	1-774-099-11	JACK (MINI DIN) (ONLY FOR TRANSMITTER OUT EMT-IF55)				
J104	1-566-819-41	JACK 1P (CONTROL S TV IN) (US, CND)				
		< COIL >				
L102	1-410-521-11	INDUCTOR	100uH			
L103	1-410-521-11	INDUCTOR	100uH			
L104	1-410-521-11	INDUCTOR	100uH			
		< TRANSISTOR >				
Q102	8-729-119-79	TRANSISTOR	2SC2785-FEK			
Q103	8-729-119-76	TRANSISTOR	2SA1175-HFE			
Q301	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q801	8-729-116-56	TRANSISTOR	2SB1068-L			
Q802	8-729-116-56	TRANSISTOR	2SB1068-L			
Q803	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q804	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q805	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q806	8-729-116-56	TRANSISTOR	2SB1068-L			
Q807	8-729-116-56	TRANSISTOR	2SB1068-L			
		< RESISTOR >				
R101	1-249-417-11	CARBON	1K	5%	1/4W	F
R102	1-249-417-11	CARBON	1K	5%	1/4W	F
R103	1-249-417-11	CARBON	1K	5%	1/4W	F
R104	1-249-417-11	CARBON	1K	5%	1/4W	F
R105	1-249-441-11	CARBON	100K	5%	1/4W	
R106	1-249-441-11	CARBON	100K	5%	1/4W	
R107	1-249-417-11	CARBON	1K	5%	1/4W	F
R108	1-249-415-11	CARBON	680	5%	1/4W	F
R109	1-249-441-11	CARBON	100K	5%	1/4W	
R110	1-249-413-11	CARBON	470	5%	1/4W	F
R111	1-249-441-11	CARBON	100K	5%	1/4W	
R112	1-249-441-11	CARBON	100K	5%	1/4W	
R113	1-249-417-11	CARBON	1K	5%	1/4W	F
R114	1-249-417-11	CARBON	1K	5%	1/4W	F
R115	1-249-417-11	CARBON	1K	5%	1/4W	F
R116	1-249-435-11	CARBON	33K	5%	1/4W	
R117	1-249-431-11	CARBON	15K	5%	1/4W	
R118	1-249-411-11	CARBON	330	5%	1/4W	
R119	1-247-903-00	CARBON	1M	5%	1/4W	
R120	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R121	1-249-437-11	CARBON	47K	5%	1/4W	
R122	1-249-393-11	CARBON	10	5%	1/4W	F
R123	1-249-429-11	CARBON	10K	5%	1/4W	
R131	1-249-429-11	CARBON	10K	5%	1/4W	
R132	1-249-429-11	CARBON	10K	5%	1/4W	

Ref. No.	Part No.	Description				Remark
R133	1-249-437-11	CARBON	47K	5%	1/4W	
R134	1-249-437-11	CARBON	47K	5%	1/4W	
R136	1-247-807-31	CARBON	100	5%	1/4W	
R151	1-249-417-11	CARBON	1K	5%	1/4W	F
R152	1-249-417-11	CARBON	1K	5%	1/4W	F
R153	1-249-417-11	CARBON	1K	5%	1/4W	F
R154	1-249-417-11	CARBON	1K	5%	1/4W	F
R155	1-249-441-11	CARBON	100K	5%	1/4W	
R156	1-249-441-11	CARBON	100K	5%	1/4W	
R160	1-249-393-11	CARBON	10	5%	1/4W	F
R201	1-249-437-11	CARBON	47K	5%	1/4W	
R251	1-249-437-11	CARBON	47K	5%	1/4W	
R307	1-249-417-11	CARBON	1K	5%	1/4W	
R370	1-249-417-11	CARBON	1K	5%	1/4W	F
R391	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R392	1-249-416-11	CARBON	820	5%	1/4W	F
R393	1-249-429-11	CARBON	10K	5%	1/4W	
R394	1-247-863-91	CARBON	22K	5%	1/4W	
R395	1-249-416-11	CARBON	820	5%	1/4W	F
R396	1-249-417-11	CARBON	1K	5%	1/4W	F
R397	1-249-429-11	CARBON	10K	5%	1/4W	
R398	1-249-411-11	CARBON	330	5%	1/4W	
R399	1-249-429-11	CARBON	10K	5%	1/4W	
R400	1-249-393-11	CARBON	10	5%	1/4W	F
R401	1-249-393-11	CARBON	10	5%	1/4W	F
R402	1-249-429-11	CARBON	10K	5%	1/4W	
R403	1-249-429-11	CARBON	10K	5%	1/4W	
⚠R801	1-249-405-11	CARBON	100	5%	1/4W	F
R802	1-249-441-11	CARBON	100K	5%	1/4W	
R803	1-249-437-11	CARBON	47K	5%	1/4W	
R804	1-249-437-11	CARBON	47K	5%	1/4W	
R805	1-249-441-11	CARBON	100K	5%	1/4W	
R806	1-249-404-00	CARBON	82	5%	1/4W	F
R807	1-249-413-11	CARBON	470	5%	1/4W	F
R808	1-247-863-91	CARBON	22K	5%	1/4W	
R809	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R810	1-249-429-11	CARBON	10K	5%	1/4W	
R811	1-249-441-11	CARBON	100K	5%	1/4W	
R812	1-249-437-11	CARBON	47K	5%	1/4W	
R813	1-249-439-11	CARBON	68K	5%	1/4W	
R814	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R815	1-249-429-11	CARBON	10K	5%	1/4W	
R816	1-249-393-11	CARBON	10	5%	1/4W	F
		< VIBRATOR >				
X101	1-579-125-11	VIBRATOR, CERAMIC (8MHz)				

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Ref. No.	Part No.	Description			Remark
*	A-4378-547-A	MAIN BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C203	1-124-443-00	ELECT	100uF	20%	10V
C204	1-136-165-00	FILM	0.1uF	5%	50V
C205	1-126-233-11	ELECT	22uF	20%	50V
C206	1-130-476-00	MYLAR	0.0027uF	5%	50V
C207	1-130-476-00	MYLAR	0.0027uF	5%	50V
C208	1-126-963-11	ELECT	4.7uF	20%	50V
C209	1-126-963-11	ELECT	4.7uF	20%	50V
C210	1-136-165-00	FILM	0.1uF	5%	50V
C211	1-136-165-00	FILM	0.1uF	5%	50V
C212	1-136-165-00	FILM	0.1uF	5%	50V
C213	1-136-165-00	FILM	0.1uF	5%	50V
C255	1-126-233-11	ELECT	22uF	20%	50V
C256	1-130-476-00	MYLAR	0.0027uF	5%	50V
C257	1-130-476-00	MYLAR	0.0027uF	5%	50V
C258	1-126-963-11	ELECT	4.7uF	20%	50V
C259	1-126-963-11	ELECT	4.7uF	20%	50V
C260	1-136-165-00	FILM	0.1uF	5%	50V
C261	1-136-165-00	FILM	0.1uF	5%	50V
C262	1-136-165-00	FILM	0.1uF	5%	50V
C263	1-136-165-00	FILM	0.1uF	5%	50V
C301	1-136-161-00	FILM	0.047uF	5%	50V
C302	1-136-161-00	FILM	0.047uF	5%	50V
C303	1-136-165-00	FILM	0.1uF	5%	50V
C304	1-136-165-00	FILM	0.1uF	5%	50V
C351	1-136-161-00	FILM	0.047uF	5%	50V
C352	1-136-161-00	FILM	0.047uF	5%	50V
C353	1-136-059-00	FILM	0.033uF	5%	50V
C354	1-136-059-00	FILM	0.033uF	5%	50V
C360	1-136-173-00	FILM	0.47uF	5%	50V
C361	1-136-173-00	FILM	0.47uF	5%	50V
C362	1-126-963-11	ELECT	4.7uF	20%	50V
C363	1-126-963-11	ELECT	4.7uF	20%	50V
C364	1-136-165-00	FILM	0.1uF	5%	50V
C365	1-136-168-00	FILM	0.18uF	5%	50V
C366	1-136-169-00	FILM	0.22uF	5%	50V
C367	1-136-169-00	FILM	0.22uF	5%	50V
C368	1-136-169-00	FILM	0.22uF	5%	50V
C369	1-136-169-00	FILM	0.22uF	5%	50V
C370	1-126-963-11	ELECT	4.7uF	20%	50V
C404	1-124-907-11	ELECT	10uF	20%	50V
C405	1-124-907-11	ELECT	10uF	20%	50V
C406	1-126-233-11	ELECT	22uF	20%	50V
C407	1-136-165-00	FILM	0.1uF	5%	50V
C408	1-124-443-00	ELECT	100uF	20%	10V

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

MAIN P.S (FRONT)

Ref.No.	Part No.	Description				Remark
		< CONNECTOR >				
* CN102	1-568-842-11	SOCKET, CONNECTOR 27P				
		< DIODE >				
D201	8-719-987-63	DIODE 1N4148M				
D202	8-719-987-63	DIODE 1N4148M				
D203	8-719-987-63	DIODE 1N4148M				
		< IC >				
IC202	8-759-264-31	IC TDA7315				
IC203	8-759-264-31	IC TDA7315				
IC301	8-759-634-51	IC M5218AP				
IC302	8-759-634-51	IC M5218AP				
IC303	8-759-634-51	IC M5218AP				
IC304	8-759-264-31	IC TDA7315				
IC305	8-759-634-51	IC M5218AP				
IC306	8-759-634-51	IC M5218AP				
IC307	8-759-634-51	IC M5218AP				
		< TRANSISTOR >				
Q201	8-729-900-63	TRANSISTOR DTA124ES				
Q202	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q203	8-729-900-36	TRANSISTOR DTC124ES				
		< RESISTOR >				
R124	1-249-417-11	CARBON	1K	5%	1/4W	F
R125	1-249-417-11	CARBON	1K	5%	1/4W	F
R126	1-249-417-11	CARBON	1K	5%	1/4W	F
R127	1-247-807-31	CARBON	100	5%	1/4W	
R128	1-247-807-31	CARBON	100	5%	1/4W	
R129	1-247-807-31	CARBON	100	5%	1/4W	
R130	1-247-807-31	CARBON	100	5%	1/4W	
R135	1-247-807-31	CARBON	100	5%	1/4W	
R208	1-249-426-11	CARBON	5.6K	5%	1/4W	
R209	1-249-426-11	CARBON	5.6K	5%	1/4W	
R210	1-249-437-11	CARBON	47K	5%	1/4W	
R211	1-249-417-11	CARBON	1K	5%	1/4W	F
R212	1-249-441-11	CARBON	100K	5%	1/4W	
R213	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R258	1-249-426-11	CARBON	5.6K	5%	1/4W	
R259	1-249-426-11	CARBON	5.6K	5%	1/4W	
R301	1-247-876-11	CARBON	75K	5%	1/4W	
R302	1-249-431-11	CARBON	15K	5%	1/4W	
R303	1-247-876-11	CARBON	75K	5%	1/4W	
R304	1-249-436-11	CARBON	39K	5%	1/4W	
R305	1-249-417-11	CARBON	1K	5%	1/4W	F
R306	1-249-417-11	CARBON	1K	5%	1/4W	F
R308	1-247-889-00	CARBON	270K	5%	1/4W	
R309	1-247-889-00	CARBON	270K	5%	1/4W	
R310	1-249-429-11	CARBON	10K	5%	1/4W	

Ref.No.	Part No.	Description				Remark
R351	1-247-876-11	CARBON	75K	5%	1/4W	
R352	1-249-431-11	CARBON	15K	5%	1/4W	
R353	1-247-876-11	CARBON	75K	5%	1/4W	
R354	1-249-436-11	CARBON	39K	5%	1/4W	
R355	1-249-431-11	CARBON	15K	5%	1/4W	
R356	1-249-429-11	CARBON	10K	5%	1/4W	
R357	1-247-889-00	CARBON	270K	5%	1/4W	
R358	1-247-889-00	CARBON	270K	5%	1/4W	
R361	1-249-431-11	CARBON	15K	5%	1/4W	
R362	1-249-431-11	CARBON	15K	5%	1/4W	
R363	1-249-429-11	CARBON	10K	5%	1/4W	
R364	1-249-429-11	CARBON	10K	5%	1/4W	
R365	1-249-417-11	CARBON	1K	5%	1/4W	F
R366	1-249-417-11	CARBON	1K	5%	1/4W	F
R371	1-249-441-11	CARBON	100K	5%	1/4W	
R372	1-249-441-11	CARBON	100K	5%	1/4W	
R375	1-249-417-11	CARBON	1K	5%	1/4W	F
R377	1-249-429-11	CARBON	10K	5%	1/4W	
R378	1-247-883-00	CARBON	150K	5%	1/4W	
R379	1-249-441-11	CARBON	100K	5%	1/4W	
R380	1-249-417-11	CARBON	1K	5%	1/4W	F
R381	1-247-863-91	CARBON	22K	5%	1/4W	
R382	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R383	1-249-418-11	CARBON	1.2K	5%	1/4W	F
R384	1-249-429-11	CARBON	10K	5%	1/4W	
R385	1-249-431-11	CARBON	15K	5%	1/4W	
R386	1-249-431-11	CARBON	15K	5%	1/4W	
R387	1-249-434-11	CARBON	27K	5%	1/4W	
R388	1-247-863-91	CARBON	22K	5%	1/4W	
R389	1-249-439-11	CARBON	68K	5%	1/4W	
R390	1-249-429-11	CARBON	10K	5%	1/4W	
R816	1-247-807-31	CARBON	100	5%	1/4W	

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*	A-4378-548-A	P.S BOARD, COMPLETE (FRONT)			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S			
		< CAPACITOR >			
C11	1-136-165-00	FILM	0.1uF	5%	50V
C12	1-136-165-00	FILM	0.1uF	5%	50V
C13	1-136-165-00	FILM	0.1uF	5%	50V
C14	1-136-165-00	FILM	0.1uF	5%	50V
C15	1-136-165-00	FILM	0.1uF	5%	50V
C16	1-136-165-00	FILM	0.1uF	5%	50V
C901	1-136-165-00	FILM	0.1uF	5%	50V
C902	1-136-165-00	FILM	0.1uF	5%	50V
C903	1-113-685-11	ELECT	10000MF	20%	35V
C904	1-113-685-11	ELECT	10000MF	20%	35V

Ref.No.	Part No.	Description				Remark
C905	1-136-165-00	FILM	0.1uF	5%	50V	
C906	1-136-165-00	FILM	0.1uF	5%	50V	
C907	1-126-944-11	ELECT	3300uF	20%	25V	
C908	1-124-557-11	ELECT	1000uF	20%	25V	
C909	1-126-937-11	ELECT	4700uF	20%	16V	
C910	1-124-477-11	ELECT	47uF	20%	25V	
C911	1-124-477-11	ELECT	47uF	20%	25V	
C912	1-124-478-11	ELECT	100uF	20%	25V	
C913	1-124-472-11	ELECT	470uF	20%	10V	
C914	1-124-478-11	ELECT	100uF	20%	25V	
C915	1-124-478-11	ELECT	100uF	20%	25V	
C916	1-124-478-11	ELECT	100uF	20%	25V	
C917	1-124-122-11	ELECT	100uF	20%	50V	
C918	1-124-907-11	ELECT	10uF	20%	50V	
C919	1-124-910-11	ELECT	47uF	20%	50V	
C920	1-124-477-11	ELECT	47uF	20%	25V	
C921	1-124-472-11	ELECT	470uF	20%	10V	
C922	1-126-968-11	ELECT	100uF	20%	35V	
		< CONNECTOR >				
* CN601	1-564-905-11	PIN, CONNECTOR 9P				
* CN602	1-564-243-11	PIN, CONNECTOR 6P				
* CN605	1-564-915-11	PIN, CONNECTOR 7P (R-ch SPEAKER OUTPUT)				
		< DIODE >				
D901	8-719-500-60	DIODE	D5SBA20			
D902	8-719-200-82	DIODE	11ES2			
D903	8-719-200-82	DIODE	11ES2			
D904	8-719-200-82	DIODE	11ES2			
D905	8-719-200-82	DIODE	11ES2			
D906	8-719-933-41	DIODE	HZS6C3L			
D907	8-719-200-82	DIODE	11ES2			
D908	8-719-200-82	DIODE	11ES2			
D909	8-719-200-82	DIODE	11ES2			
D910	8-719-200-82	DIODE	11ES2			
D911	8-719-002-43	DIODE	UZL-27L			
D912	8-719-014-66	DIODE	UZP-5.6B			
D914	8-719-987-63	DIODE	1N4148M			
D915	8-719-200-82	DIODE	11ES2			
		< GROUND TERMINAL >				
EPT901	1-537-771-21	TERMINAL BOARD, GROUND				
		< IC >				
IC901	8-759-701-59	IC	NJM78M09FA			
IC902	8-759-604-43	IC	M5F79M09L			
IC903	8-749-920-58	IC	SI3090CA			
		< TRANSISTOR >				
Q901	8-729-209-15	TRANSISTOR	2SD2012			
Q902	8-729-141-83	TRANSISTOR	2SA473			
		< RESISTOR >				
R11	1-249-389-11	CARBON	4.7	5%	1/4W	F
R12	1-249-389-11	CARBON	4.7	5%	1/4W	F
R13	1-249-389-11	CARBON	4.7	5%	1/4W	F
R14	1-249-389-11	CARBON	4.7	5%	1/4W	F
R15	1-249-389-11	CARBON	4.7	5%	1/4W	F
R16	1-249-389-11	CARBON	4.7	5%	1/4W	F
R901	1-249-402-11	CARBON	56	5%	1/4W	F
R904	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R906	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R907	1-249-437-11	CARBON	47K	5%	1/4W	
R908	1-247-807-31	CARBON	100	5%	1/4W	
R909	1-247-807-31	CARBON	100	5%	1/4W	
R913	1-249-429-11	CARBON	10K	5%	1/4W	
R914	1-247-807-31	CARBON	100	5%	1/4W	
R915	1-249-417-11	CARBON	1K	5%	1/4W	F
		< SWITCH >				
S601	1-762-405-11	SWITCH, PUSH (CENTER SPEAKER)				
		< TERMINAL >				
TB601	1-537-952-11	TERMINAL BOARD, PUSH (ANTENNA) 2P (EXTERNAL CENTER SPEAKER)				

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*	1-657-661-11	P.S BOARD (REAR)				
		**********				
	1-533-293-11	FUSE HOLDER				
		< CAPACITOR >				
C301	1-124-771-00	ELECT	6800uF	20%	25V	
C302	1-124-771-00	ELECT	6800uF	20%	25V	
C308	1-164-159-21	CERAMIC	0.1uF		50V	
C309	1-164-159-21	CERAMIC	0.1uF		50V	
		< CONNECTOR >				
CN301	1-564-511-11	PLUG, CONNECTOR 8P				
CN302	1-580-230-11	PIN, CONNECTOR (PC BOARD) 2P				
CN303	1-564-510-11	PLUG, CONNECTOR 7P				
CN304	1-774-281-11	CONNECTOR (DIN) 8P (OPTION)				
		< DIODE >				
D301	8-719-200-82	DIODE	11ES2			
D302	8-719-025-03	DIODE	RBA-402-SL			

P. S (REAR) PO-C PO-FR PO-SW RECEIVER

Ref. No.	Part No.	Description			Remark
		< FUSE >			
⚠F301	1-532-613-XX	FUSE, CYLINDRICAL (TIME-LAG) (T200mA/250V) (AEP, UK, G)			
⚠F301	1-532-819-11	FUSE (500mA/250V) (US, CND)			
		< SWITCH >			
S301	1-762-175-11	SWITCH, SLIDE (NORMAL→OPTION)			
		< TRANSFORMER >			
⚠T301	1-429-134-11	TRANSFORMER, POWER (US, CND)			
⚠T301	1-429-135-11	TRANSFORMER, POWER (AEP, UK, G)			
**********					
*	1-657-396-11	PO-C BOARD			
		**********			
		< CAPACITOR >			
C621	1-136-166-91	FILM	0.12MF	5%	50V
C622	1-124-557-11	ELECT	1000uF	20%	25V
C623	1-124-557-11	ELECT	1000uF	20%	25V
C624	1-136-165-00	FILM	0.1uF	5%	50V
C625	1-136-165-00	FILM	0.1uF	5%	50V
C626	1-126-963-11	ELECT	4.7uF	20%	50V
C631	1-136-166-91	FILM	0.12MF	5%	50V
		< IC >			
IC602	8-759-190-89	IC TDA7265			
		< RESISTOR >			
R621	1-249-403-11	CARBON	68	5% 1/4W	F
R622	1-249-421-11	CARBON	2.2K	5% 1/4W	F
R625	1-249-431-11	CARBON	15K	5% 1/4W	
R631	1-249-403-11	CARBON	68	5% 1/4W	F
R632	1-249-421-11	CARBON	2.2K	5% 1/4W	F
**********					
*	1-657-394-11	PO-FR BOARD			
		**********			
		< CAPACITOR >			
C601	1-136-166-91	FILM	0.12MF	5%	50V
C602	1-124-557-11	ELECT	1000uF	20%	25V
C603	1-124-557-11	ELECT	1000uF	20%	25V
C604	1-136-165-00	FILM	0.1uF	5%	50V
C605	1-136-165-00	FILM	0.1uF	5%	50V
C606	1-126-963-11	ELECT	4.7uF	20%	50V
C611	1-136-166-91	FILM	0.12MF	5%	50V

Ref. No.	Part No.	Description			Remark
		< IC >			
IC601	8-759-190-89	IC TDA7265			
		< RESISTOR >			
R601	1-249-403-11	CARBON	68	5% 1/4W	F
R602	1-249-421-11	CARBON	2.2K	5% 1/4W	F
R611	1-249-403-11	CARBON	68	5% 1/4W	F
R612	1-249-421-11	CARBON	2.2K	5% 1/4W	F
R615	1-249-431-11	CARBON	15K	5% 1/4W	
**********					
*	1-657-395-11	PO-SW BOARD			
		**********			
		< CAPACITOR >			
C641	1-124-903-11	ELECT	1uF	20%	50V
C642	1-124-557-11	ELECT	1000uF	20%	25V
C643	1-124-557-11	ELECT	1000uF	20%	25V
C644	1-136-165-00	FILM	0.1uF	5%	50V
C645	1-136-165-00	FILM	0.1uF	5%	50V
C646	1-126-963-11	ELECT	4.7uF	20%	50V
C651	1-124-903-11	ELECT	1uF	20%	50V
		< IC >			
IC603	8-759-190-89	IC TDA7265			
		< RESISTOR >			
R641	1-249-403-11	CARBON	68	5% 1/4W	F
R642	1-249-423-11	CARBON	3.3K	5% 1/4W	F
R645	1-249-431-11	CARBON	15K	5% 1/4W	
R651	1-249-403-11	CARBON	68	5% 1/4W	F
R652	1-249-423-11	CARBON	3.3K	5% 1/4W	F
**********					
*	A-4378-567-A	RECEIVER BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C1	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C2	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C3	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C4	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C5	1-164-346-11	CERAMIC CHIP	1uF		16V
C6	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C101	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C102	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C103	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C104	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C105	1-165-319-11	CERAMIC CHIP	0.1uF		50V

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref.No.	Part No.	Description			Remark
C106	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C107	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C108	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
C109	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
C110	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C111	1-126-204-11	ELECT CHIP	47uF	20%	16V
C112	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C113	1-126-204-11	ELECT CHIP	47uF	20%	16V
C114	1-126-204-11	ELECT CHIP	47uF	20%	16V
C115	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C116	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V
C117	1-126-204-11	ELECT CHIP	47uF	20%	16V
C118	1-126-204-11	ELECT CHIP	47uF	20%	16V
C119	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C120	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C122	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C123	1-126-204-11	ELECT CHIP	47uF	20%	16V
C124	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C125	1-126-204-11	ELECT CHIP	47uF	20%	16V
C126	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C127	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C128	1-163-251-91	CERAMIC CHIP	100PF	5%	50V
					(Suffix No. -13)
		< CONNECTOR >			
CN101	1-564-510-11	PLUG, CONNECTOR 7P			
		< DIODE >			
D1	8-719-992-09	DIODE	PP-801		
D101	8-719-421-40	DIODE	MA77		
D102	8-719-421-40	DIODE	MA77		
D103	8-719-049-64	DIODE	MA715-TX		
D104	8-719-049-64	DIODE	MA715-TX		
D401	8-719-055-49	DIODE	SML52420C (POWER/STANDBY)		
		< FILTER >			
FL101	1-233-259-11	FILTER, BAND PASS (B)			
		< IC >			
IC101	1-809-861-11	IC	NJM78L08UA		
IC102	8-759-056-30	IC	MC3361BD		
IC103	8-759-064-92	IC	NJM5532M-D		
IC104	8-759-349-61	IC	RH5VA60CA		
IC105	8-759-281-33	IC	NJM79L08UA		
		< COIL >			
L1	1-412-958-21	INDUCTOR	39uH		

Ref.No.	Part No.	Description			Remark
		< TRANSISTOR >			
Q1	8-729-220-93	TRANSISTOR	2SK209-G		
Q2	8-729-216-22	TRANSISTOR	2SA1162		
Q3	8-729-230-49	TRANSISTOR	2SC2712-G		
Q4	8-729-216-22	TRANSISTOR	2SA1162		
Q101	8-729-230-49	TRANSISTOR	2SC2712-G		
Q102	8-729-230-49	TRANSISTOR	2SC2712-G		
Q103	8-729-230-49	TRANSISTOR	2SC2712-G		
Q104	8-729-230-49	TRANSISTOR	2SC2712-G		
Q105	8-729-230-49	TRANSISTOR	2SC2712-G		
		< RESISTOR >			
R1	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R2	1-216-091-00	METAL CHIP	56K	5%	1/10W
R3	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R4	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R5	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R6	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R7	1-216-037-00	METAL CHIP	330	5%	1/10W
R8	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R102	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R103	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R104	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R105	1-216-107-00	METAL CHIP	270K	5%	1/10W
R106	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R107	1-216-037-00	METAL CHIP	330	5%	1/10W
R108	1-216-041-00	METAL CHIP	470	5%	1/10W
R110	1-216-075-00	METAL CHIP	12K	5%	1/10W
R111	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R112	1-216-081-00	METAL CHIP	22K	5%	1/10W
R113	1-216-058-00	METAL GLAZE	2.4K	5%	1/10W
R114	1-216-058-00	METAL GLAZE	2.4K	5%	1/10W
R115	1-216-025-91	METAL GLAZE	100	5%	1/10W
R116	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R117	1-216-041-00	METAL CHIP	470	5%	1/10W
R118	1-216-041-00	METAL CHIP	470	5%	1/10W
R120	1-216-049-91	METAL CHIP	1K	5%	1/10W
R121	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R122	1-216-037-00	METAL CHIP	330	5%	1/10W
R123	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R124	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R125	1-216-041-00	METAL CHIP	470	5%	1/10W
R126	1-216-041-00	METAL CHIP	470	5%	1/10W
R127	1-216-073-00	METAL CHIP	10K	5%	1/10W
R128	1-216-085-00	METAL CHIP	33K	5%	1/10W
R129	1-216-049-91	METAL GLAZE	1K	5%	1/10W
		< VARIABLE RESISTOR >			
RV101	1-238-854-11	RES, ADJ, CERMET 2.2K			

T1 T2 TRANSMITTER

Ref.No.	Part No.	Description				Remark
		< TRANSFORMER >				
T101	1-411-123-21	COIL, PHASE (B)				
T102	1-411-158-21	COIL, PHASE B2				
**********						
*	1-657-397-11	T1 BOARD				
		********				
		< CONNECTOR >				
CN901	1-580-230-11	PIN, CONNECTOR (PC BOARD) 2P				
		< FUSE >				
⚠F901	1-532-284-00	FUSE, CYLINDRICAL (TIME-LAG) (T630mA/250V) (AEP, UK, G)				
⚠F901	1-576-103-11	FUSE (1.6A/250V) (US, CND)				
		< FUSE HOLDER >				
FH901	1-533-293-11	FUSE HOLDER				
FH902	1-533-293-11	FUSE HOLDER				
**********						
*	1-657-398-11	T2 BOARD				
		********				
		< CONNECTOR >				
CN904	1-691-771-11	PLUG (MICRO CONNECTOR) 9P				
		< RESISTOR >				
⚠R902	1-249-381-11	CARBON	1	5%	1/4W F	
⚠R903	1-249-381-11	CARBON	1	5%	1/4W F	
**********						
*	A-4378-568-A	TRAMSMITTER BOARD, COMPLETE				
		**********				
		< CAPACITOR >				
C501	1-126-602-11	ELECT CHIP	3.3uF	20%	50V	
C502	1-126-193-11	ELECT	1uF	20%	50V	
C504	1-126-602-11	ELECT CHIP	3.3uF	20%	50V	
C505	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V	
C506	1-126-603-11	ELECT CHIP	4.7uF	20%	35V	
C507	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	
C508	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C509	1-126-602-11	ELECT CHIP	3.3uF	20%	50V	
C510	1-126-204-11	ELECT CHIP	47uF	20%	16V	
C511	1-126-602-11	ELECT CHIP	3.3uF	20%	50V	
C512	1-164-505-11	CERAMIC CHIP	2.2uF		16V	
C513	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V	
C516	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C517	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V	
C518	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V	
C519	1-126-602-11	ELECT CHIP	3.3uF	20%	50V	
C520	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C522	1-164-505-11	CERAMIC CHIP	2.2uF		16V	
C601	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C602	1-164-505-11	CERAMIC CHIP	2.2uF		16V	
C603	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
		< DIODE >				
D501	8-719-049-64	DIODE	MA715-TX			
D504	8-719-945-44	DIODE	SVC203CP-A			
D601	8-719-992-14	DIODE	DAL5818			
D602	8-719-992-14	DIODE	DAL5818			
D603	8-719-992-14	DIODE	DAL5818			
D604	8-719-992-14	DIODE	DAL5818			
D605	8-719-992-14	DIODE	DAL5818			
D606	8-719-992-14	DIODE	DAL5818			
D607	8-719-992-14	DIODE	DAL5818			
D608	8-719-992-14	DIODE	DAL5818			
D609	8-719-992-14	DIODE	DAL5818			
D610	8-719-992-14	DIODE	DAL5818			
D611	8-719-992-14	DIODE	DAL5818			
D612	8-719-992-14	DIODE	DAL5818			
D613	8-719-992-14	DIODE	DAL5818			
D614	8-719-992-14	DIODE	DAL5818			
D615	8-719-992-14	DIODE	DAL5818			
D616	8-719-992-14	DIODE	DAL5818			
D617	8-719-992-14	DIODE	DAL5818			
D618	8-719-992-14	DIODE	DAL5818			
D619	8-719-992-14	DIODE	DAL5818			
D620	8-719-992-14	DIODE	DAL5818			
		< IC >				
IC501	8-759-937-54	IC	S-81250HG-RD-S			
IC502	8-759-064-92	IC	NJM5532M-D			
		< COIL >				
L501	1-406-454-11	COIL (OSC)				
		< TRANSISTOR >				
Q506	8-729-200-87	TRANSISTOR	2SC2714-Y			
Q507	8-729-216-22	TRANSISTOR	2SA1162			
Q601	8-729-216-22	TRANSISTOR	2SA1162			
Q602	8-729-106-68	TRANSISTOR	2SD1615A-GP			
Q603	8-729-216-22	TRANSISTOR	2SA1162			
Q604	8-729-106-68	TRANSISTOR	2SD1615A-GP			
Q605	8-729-216-22	TRANSISTOR	2SA1162			

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
Q606	8-729-106-68	TRANSISTOR 2SD1615A-GP			
Q607	8-729-216-22	TRANSISTOR 2SA1162			
Q608	8-729-106-68	TRANSISTOR 2SD1615A-GP			
Q609	8-729-216-22	TRANSISTOR 2SA1162			
Q610	8-729-106-68	TRANSISTOR 2SD1615A-GP			
		< RESISTOR >			
R501	1-216-077-00	METAL CHIP	15K	5%	1/10W
R502	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R503	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R504	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R505	1-216-105-91	METAL GLAZE	220K	5%	1/10W
R507	1-216-095-00	METAL CHIP	82K	5%	1/10W
R508	1-216-073-00	METAL CHIP	10K	5%	1/10W
R509	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R510	1-216-025-91	METAL GLAZE	100	5%	1/10W
R511	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R512	1-216-081-00	METAL CHIP	22K	5%	1/10W
R513	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R514	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R515	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R516	1-216-081-00	METAL CHIP	22K	5%	1/10W
R517	1-216-111-91	METAL GLAZE	390K	5%	1/10W
R518	1-216-025-91	METAL GLAZE	100	5%	1/10W
R519	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R520	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R521	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R522	1-216-684-91	METAL CHIP	24K	0.50%	1/10W
R523	1-216-649-11	METAL CHIP	820	0.5%	1/10W
R524	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R525	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R527	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R528	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R601	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R602	1-216-302-00	METAL CHIP	2.7	5%	1/10W
R603	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R604	1-216-302-00	METAL CHIP	2.7	5%	1/10W
R605	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R606	1-216-302-00	METAL CHIP	2.7	5%	1/10W
R607	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R608	1-216-302-00	METAL CHIP	2.7	5%	1/10W
R609	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R610	1-216-302-00	METAL CHIP	2.7	5%	1/10W

****

MISCELLANEOUS
****

⚠101	1-429-090-11	TRANSFORMER, POWER (US, CND)
⚠101	1-429-091-11	TRANSFORMER, POWER (AEP, UK, G)

Ref. No.	Part No.	Description	Remark
⚠112	1-575-651-21	CORD, POWER (AEP, G)	
⚠112	1-690-958-11	CORD, POWER (US, CND)	
⚠112	1-751-529-11	CORD, POWER (UK)	
153	1-775-758-11	LEAD (WITH CONNECTOR)	
154	1-536-881-41	TERMINAL BOARD (SPEAKER)	
155	1-775-407-11	CORD (WITH PLUG)	
⚠206	1-775-412-11	CORD, POWER (US, CND)	
⚠206	1-775-413-11	CORD, POWER (AEP, G)	
⚠206	1-775-785-11	CORD, POWER (UK)	
209	1-536-881-41	TERMINAL BOARD (SPEAKER)	
⚠F301	1-532-613-XX	FUSE, CYLINDRICAL (TIME-LAG) (T200mA/250V)	(AEP, UK, G)
⚠F301	1-532-819-11	FUSE (500mA/250V)	(US, CND)
⚠F901	1-532-284-00	FUSE, CYLINDRICAL (TIME-LAG) (T630mA/250V)	(AEP, UK, G)
⚠F901	1-576-103-11	FUSE (1.6A/250V)	(US, CND)
SP601	1-504-912-11	SPEAKER (2.5CM)	
SP602	1-504-913-11	SPEAKER (10CM)	
SP603	1-504-914-11	SPEAKER (12CM)	
SP604	1-504-915-11	SPEAKER (16CM)	
SP605	1-504-912-11	SPEAKER (2.5CM)	
SP606	1-504-913-11	SPEAKER (10CM)	
SP607	1-504-914-11	SPEAKER (12CM)	
SP608	1-504-915-11	SPEAKER (16CM)	
SP909	1-504-924-11	SPEAKER (10CM)	
SP910	1-504-924-11	SPEAKER (10CM)	

****

ACCESSORIES & PACKING MATERIALS
****

	1-473-313-11	REMOTE COMMANDER (RM-J55)
	1-558-787-81	CORD, CONNECTION (AUDIO 100cm)
	1-775-408-11	CORD, SPEAKER (For REAR SPEAKER)
	1-775-531-11	CORD, CONNECTION (For FRONT L-R CONNECTION 3.5m)
	3-800-084-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE, GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP, UK, G)
	3-800-084-21	MANUAL, INSTRUCTION (ENGLISH) (US, CND)
	3-800-084-31	MANUAL, INSTRUCTION (FRENCH) (CND)
	4-941-762-01	COVER, BATTERY (For RM-J55)
	4-976-724-01	INDIVIDUAL CARTON (AEP, UK)
	4-976-725-01	INDIVIDUAL CARTON (EXCEPT AEP, UK)

****

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
		********** HARDWARE LIST **********	
#1	7-621-846-58	SCREW (4X20), TAPPING	
#3	7-682-561-09	SCREW +BVTT 4X8 (S)	
#4	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#5	7-685-661-14	SCREW +BVTP 4X12 TYPE2 IT-3	
#6	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	
#7	7-685-663-79	SCREW +P 4X16 TYPE2 NON-SLIT	
#8	7-621-846-60	SCREW, WOOD +R 4.1X2.5	

9-960-356-11

Sony Corporation
Consumer A&V Products Company
Home A&V Products Div.

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Quality Engineering Dept.

SA-VA55

SONY

SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Chinese Model
PX Model

SUPPLEMENT-1

File this supplement with the service manual.

Subject : 1. CORRECTION
2. PARTS CHANGED
3. CHANGE OF PRODUCT COUNTRY
4. BOARD CHANGED

(ECN-TA504541)

1. CORRECTION

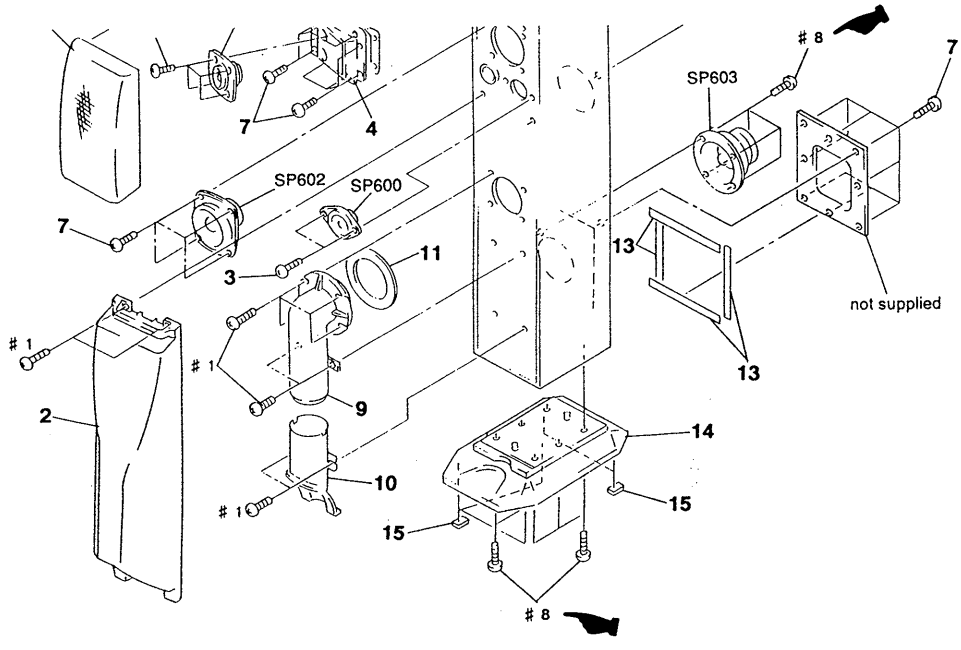
- Correct your service manual as shown below.

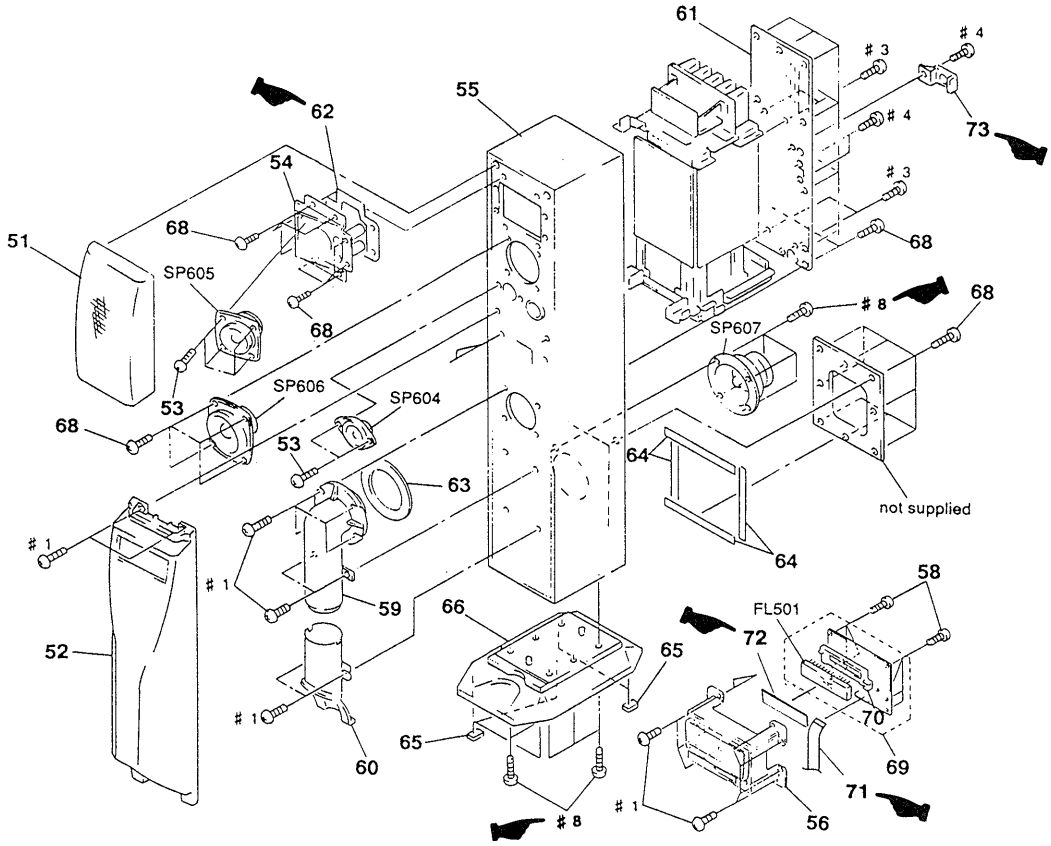
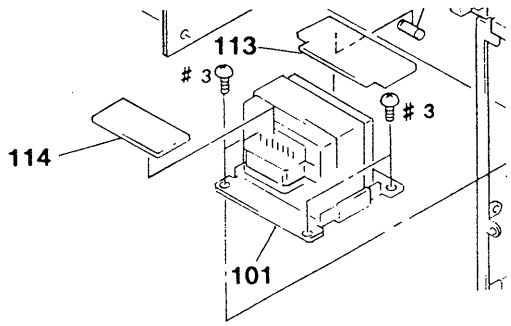
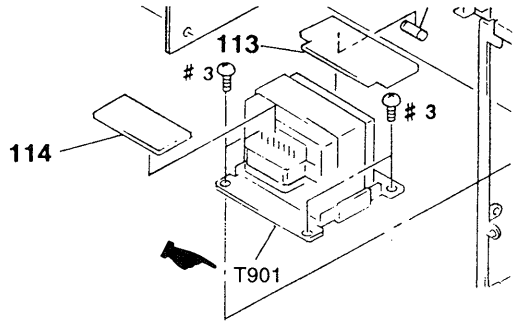
☛ : Indicates corrected portion

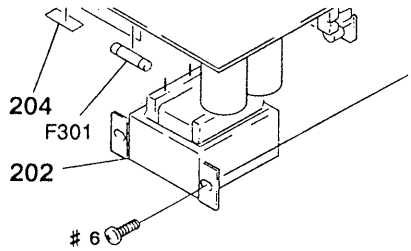
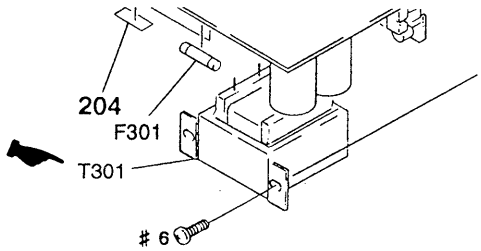
- For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
- For detailed Australian model, refer to UK model.
- For detailed PX model, refer to US model.

Note:
- Abbreviation
  CND : Canadian model
  G : German model

Page	INCORRECT				CORRECT			
	Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
30			*** EXPLODED VIEWS ***				*** EXPLODED VIEWS ***	



Page	INCORRECT				CORRECT			
	Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
31			*** EXPLODED VIEWS ***				*** EXPLODED VIEWS ***	
	57	X-4946-206-1	BUTTON ASSY					
	67	4-907-233-11	SCREW (4X25), TAPPING					
					71	1-773-274-11	WIRE (FLAT TYPE)(27 CORE)	
					72	4-977-082-01	FILTER	
					* 73	4-976-741-01	COVER, BUTTON	
								
32	⚠101	1-429-090-11	TRANSFORMER, POWER (US, CND)		⚠T901	1-429-090-11	TRANSFORMER, POWER (US, CND)	
	⚠101	1-429-091-11	TRANSFORMER, POWER (AEP, UK, G)		⚠T901	1-429-091-11	TRANSFORMER, POWER (AEP, UK, G)	
								
33	154	1-536-881-41	TERMINAL BOARD (SPEAKER)		154	1-537-337-41	TERMINAL BOARD (2P. SP)	
	156	4-975-507-01	CHASSIS				not supplied	
	158	4-975-506-01	COVER		158	4-977-422-01	COVER	
34	* 204	3-701-948-07	LABEL (T200MA), FUSE (AEP, UK, G)		* 204	3-701-948-01	LABEL (T200MA), FUSE (AEP, UK, G)	
	209	1-536-881-41	TERMINAL BOARD (SPEAKER)		209	1-537-337-41	TERMINAL BOARD (2P. SP)	

Page	INCORRECT	CORRECT
34	Ref.No Part No Description Remark ⚠202 1-429-134-11 TRANSFORMER, POWER (US, CND) ⚠202 1-429-135-11 TRANSFORMER, POWER (AEP, UK, G)  	Ref.No Part No Description Remark ⚠T301 1-429-134-11 TRANSFORMER, POWER (US, CND) ⚠T301 1-429-135-11 TRANSFORMER, POWER (AEP, UK, G) 
45	*** ACCESSORIES & PACKING MATERIALS *** * 4-976-723-01 INDIVIDUAL CARTON (US, CND) * 4-976-725-01 INDIVIDUAL CARTON (EXCEPT US, CND)	*** ACCESSORIES & PACKING MATERIALS *** * 4-976-723-02 INDIVIDUAL CARTON (US, CND) * 4-976-724-02 INDIVIDUAL CARTON (EXCEPT US, CND) * 4-977-276-02 CUSHION (UPPER) * 4-977-277-02 CUSHION (LOWER) * X-4946-503-1 STAND ASSY
46	*** HARDWARE LIST *** #8 7-621-846-60 SCREW, WOOD +R 4.1X2.5	*** HARDWARE LIST *** #8 7-621-846-60 SCREW, WOOD +R 4.1X25

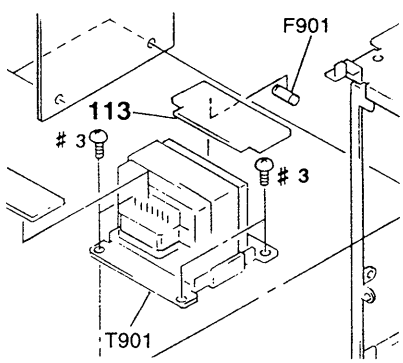
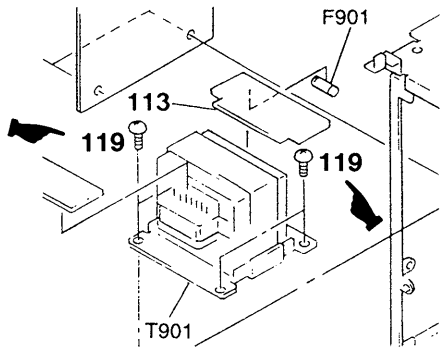
2. PARTS CHANGED

: Changed portion

- For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
- For detailed Australian model, refer to UK model.
- For detailed PX model, refer to US model.

Note:

- Abbreviation
  CND : Canadian model
  G : German model

Page	FORMER	NEW
32	Ref.No Part No Description Remark *** EXPLODED VIEWS *** * 103 A-4378-548-A P.S BOARD, COMPLETE (FRONT)  	Ref.No Part No Description Remark *** EXPLODED VIEWS *** * 103 A-4378-548-A P.S BOARD, COMPLETE (FRONT) (US, CND) * 103 A-4389-104-A P.S BOARD, COMPLETE (FRONT) (AEP, UK, G) 119 4-381-962-11 SCREW +BVTT 4X8 (S) 
40	*** ELECTRICAL PARTS LIST *** * A-4378-548-A P.S BOARD, COMPLETE (FRONT)	*** ELECTRICAL PARTS LIST *** * A-4378-548-A P.S BOARD, COMPLETE (FRONT) (US, CND) * A-4389-104-A P.S BOARD, COMPLETE (FRONT) (AEP, UK, G)
46	*** HARDWARE LIST *** #6 7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3	*** HARDWARE LIST *** #6 7-685-647-79 SCREW +BVTP 3X10 TYPE2 IT-3

3. CHANGE OF PRODUCT COUNTRY

- The rear speaker system and transmitter have been changed from the Japanese product to the Malaysian product. The changed parts are as shown in the table below.
  Refer to the previous issued service manual with regard to the other parts.
- For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
- For detailed Australian model, refer to UK model.
- For detailed PX model, refer to US model.

Note:

- Abbreviation
  CND : Canadian model
  G : German model

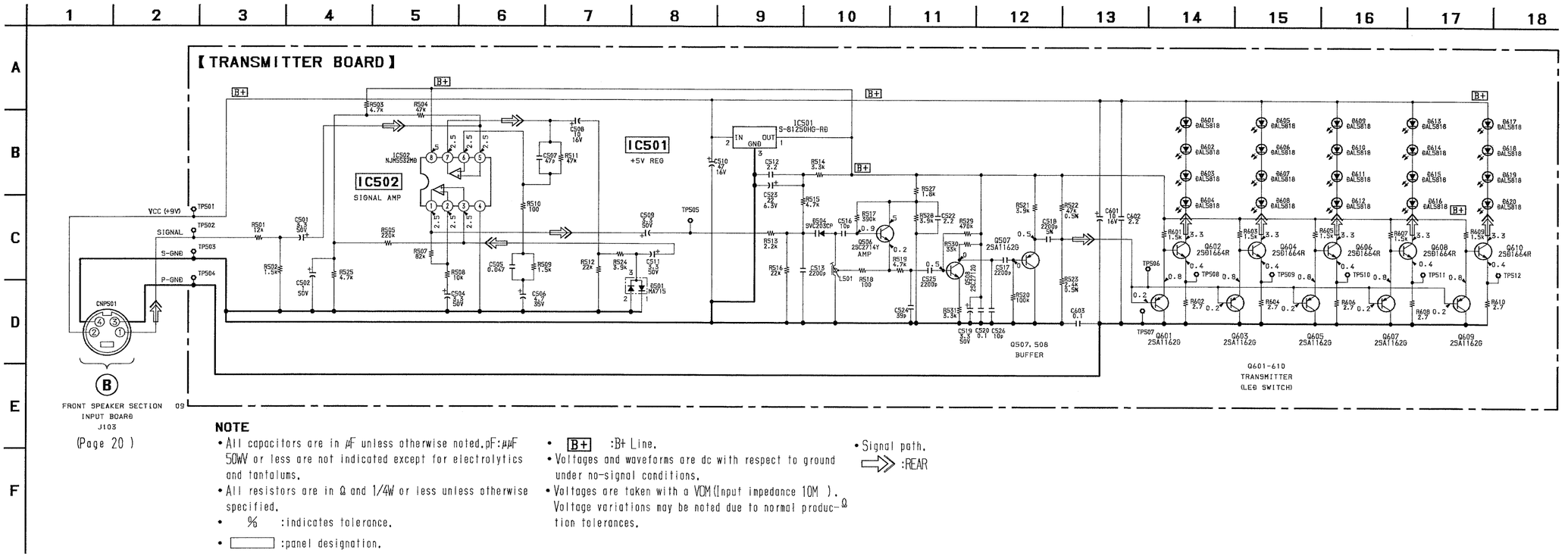
Page	JAPAN PRODUCT				MALAYSIA PRODUCT			
	Ref. No	Part No	Description	Remark	Ref. No	Part No	Description	Remark
33			*** EXPLODED VIEWS ***				*** EXPLODED VIEWS ***	
	151	X-4946-241-1	PANEL (R) ASSY, FRONT		151	X-4946-972-1	PANEL (R) ASSY, FRONT	
	* 152	X-4946-242-1	CABINET (R) ASSY, SPEAKER		* 152	X-4946-974-1	CABINET (R) ASSY, SPEAKER	
	* 157	A-4378-568-A	TRANSMITTER BOARD, COMPLETE		* 157	A-4389-790-A	TRANSMITTER BOARD, COMPLETE	
34	201	X-4946-239-1	PANEL (L) ASSY, FRONT		201	X-4946-971-1	PANEL (L) ASSY, FRONT	
	⚠206	1-775-412-11	CORD, POWER (US, CND)		⚠206	1-575-042-41	CORD, POWER (US, CND)	
	⚠206	1-775-413-11	CORD, POWER (AEP, G)		⚠206	1-775-413-21	CORD, POWER (AEP, G)	
	⚠206	1-775-785-11	CORD, POWER (UK)		⚠206	1-775-785-21	CORD, POWER (UK)	
	* 207	A-4378-567-A	RECEIVER BOARD, COMPLETE		* 207	A-4389-788-A	RECEIVER BOARD, COMPLETE	
	* 208	A-4378-565-A	AMPLIFIER BOARD, COMPLETE		* 208	A-4389-786-A	AMPLIFIER BOARD, COMPLETE	
	* 210	X-4946-240-1	CABINET (L) ASSY, SPEAKER		* 210	X-4946-973-1	CABINET (L) ASSY, SPEAKER	
	⚠T301	1-429-134-11	TRANSFORMER, POWER (US, CND)		⚠T301	1-429-134-21	TRANSFORMER, POWER (US, CND)	
	⚠T301	1-429-135-11	TRANSFORMER, POWER (AEP, UK, G)		⚠T301	1-429-135-21	TRANSFORMER, POWER (AEP, UK, G)	
35			*** ELECTRICAL PARTS LIST ***				*** ELECTRICAL PARTS LIST ***	
	*	A-4378-565-A	AMPLIFIER BOARD, COMPLETE		*	A-4389-786-A	AMPLIFIER BOARD, COMPLETE	
42	*	A-4378-567-A	RECEIVER BOARD, COMPLETE		*	A-4389-788-A	RECEIVER BOARD, COMPLETE	
44	*	A-4378-568-A	TRANSMITTER BOARD, COMPLETE		*	A-4389-790-A	TRAMSMITTER BOARD, COMPLETE	
45			*** MISCELLANEOUS ***				*** MISCELLANEOUS ***	
	⚠206	1-775-412-11	CORD, POWER (US, CND)		⚠206	1-575-042-41	CORD, POWER (US, CND)	
	⚠206	1-775-413-11	CORD, POWER (AEP, G)		⚠206	1-775-413-21	CORD, POWER (AEP, G)	
	⚠206	1-775-785-11	CORD, POWER (UK)		⚠206	1-775-785-21	CORD, POWER (UK)	
	⚠T301	1-429-134-11	TRANSFORMER, POWER (US, CND)		⚠T301	1-429-134-21	TRANSFORMER, POWER (US, CND)	
	⚠T301	1-429-135-11	TRANSFORMER, POWER (AEP, UK, G)		⚠T301	1-429-135-21	TRANSFORMER, POWER (AEP, UK, G)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

4. BOARD CHANGED

SCHEMATIC DIAGRAM — TRANSMITTER SECTION —



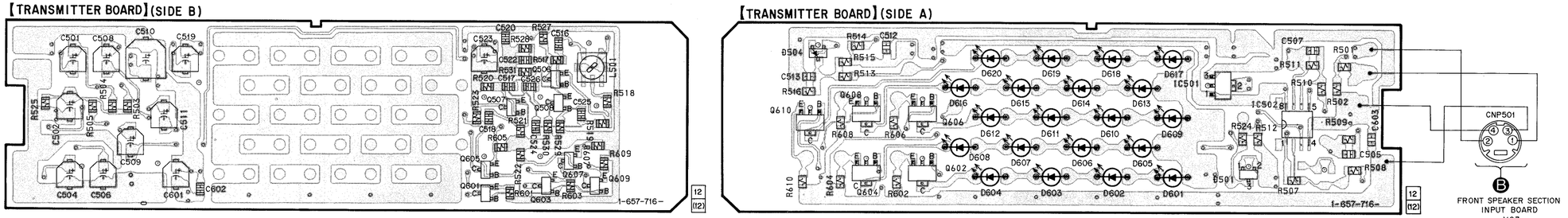
NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- % :indicates tolerance.
- ☐ :panel designation.
- B+ :B+ Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Signal path. ⇒ :REAR

- **Semiconductor Location**

Ref. No.	Location
D501	B-13
D504	A-9
D601	C-12
D602	C-12
D603	C-11
D604	C-10
D605	B-12
D606	B-11
D607	B-11
D608	B-10
D609	B-12
D610	B-12
D611	B-11
D612	B-10
D613	B-12
D614	B-11
D615	B-11
D616	B-10
D617	A-12
D618	A-12
D619	A-11
D620	A-10
IC501	B-13
IC502	B-13
Q506	B-6
Q507	B-6
Q508	B-6
Q601	C-6
Q602	B-10
Q603	C-6
Q604	C-9
Q605	B-6
Q606	B-10
Q607	B-6
Q608	B-9
Q609	C-7
Q610	B-9

PRINTED WIRING BOARD — TRANSMITTER SECTION —



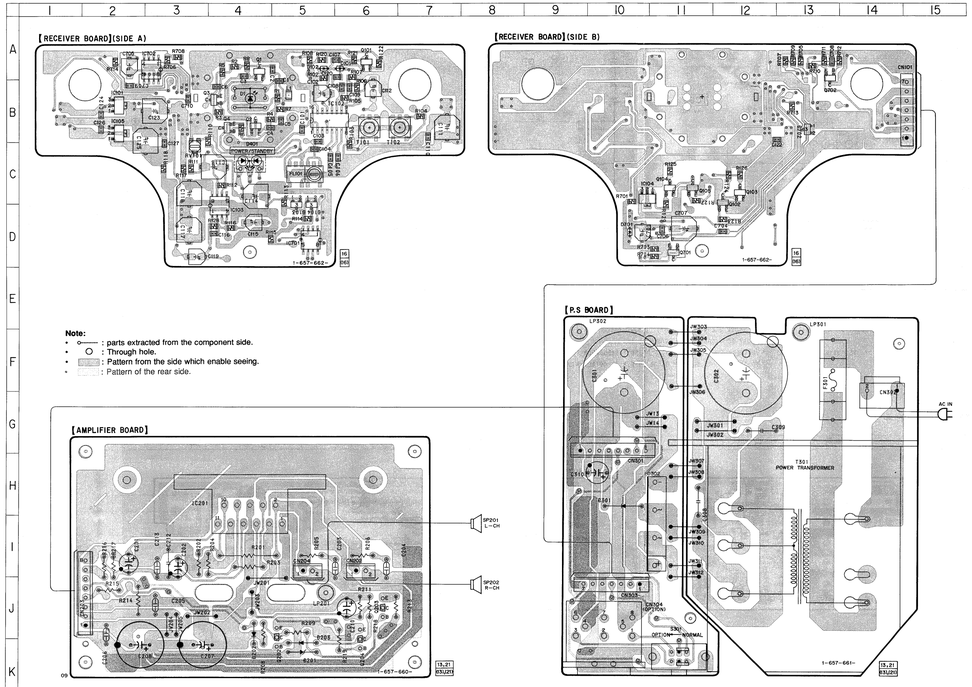
Note:

- ●—— : parts extracted from the conductor side.
- ○ : Through hole.
- ▭ : Pattern from the side which enable seeing. (The other layer's patterns are not indicated.)

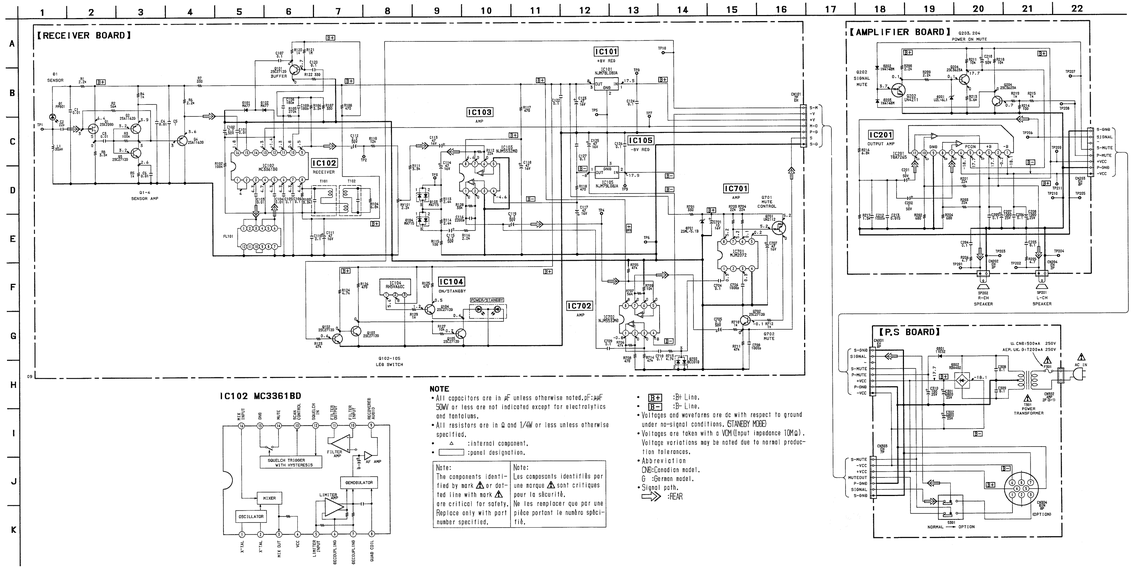
PRINTED WIRING BOARD — REAR SPEAKER SECTION —

• **Semiconductor Location**

Ref. No.	Location
D1	B-4
D101	A-6
D102	A-5
D103	D-5
D104	D-5
D201	K-5
D202	J-4
D203	K-5
D301	H-10
D302	I-11
D401	C-4
D701	D-10
D702	B-13
IC101	B-2
IC102	B-5
IC103	D-4
IC104	C-10
IC105	B-2
IC201	H-4
IC701	D-5
IC702	A-3
Q1	A-4
Q2	B-4
Q3	B-4
Q4	B-4
Q101	A-6
Q102	C-12
Q103	C-12
Q104	C-11
Q105	C-11
Q202	J-5
Q203	J-6
Q204	J-6
Q701	D-11
Q702	B-13



SCHEMATIC DIAGRAM — REAR SPEAKER SECTION —



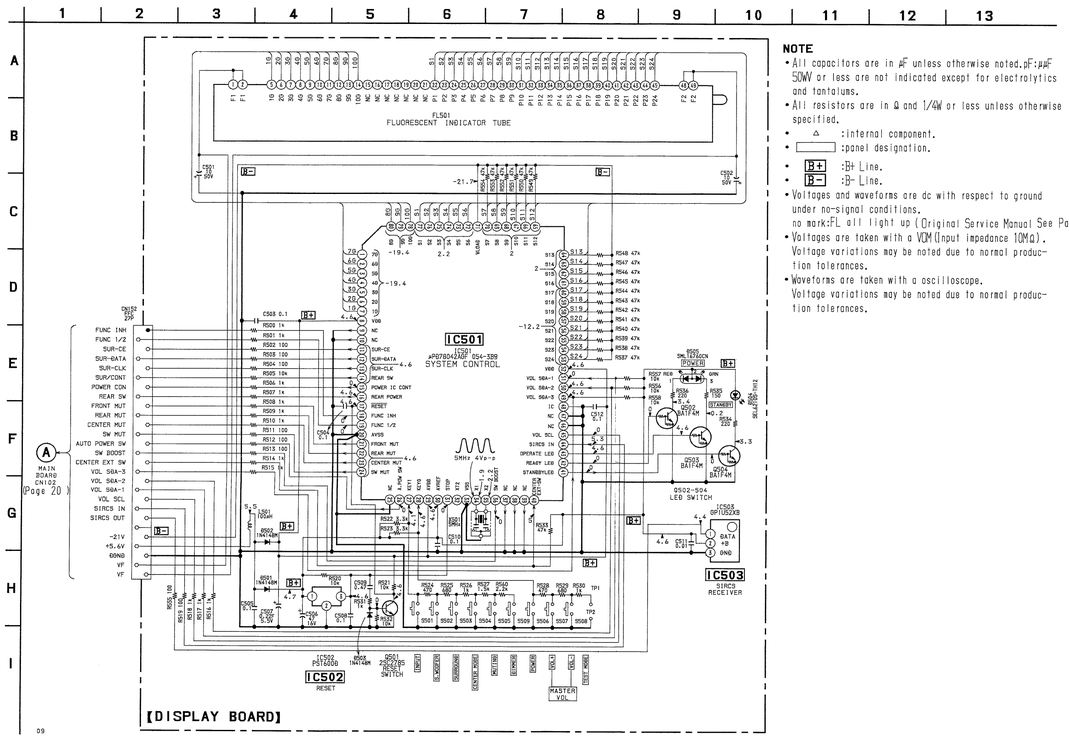
NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF. 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ : internal component.
- ( ) : panel designation.

Note:	Note:
The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- B+ : B+ Line.
- B− : B− Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions. (STANDBY MODE)
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  CND : Canadian model.
  G : German model.
- Signal path.
  ⇨ : REAR

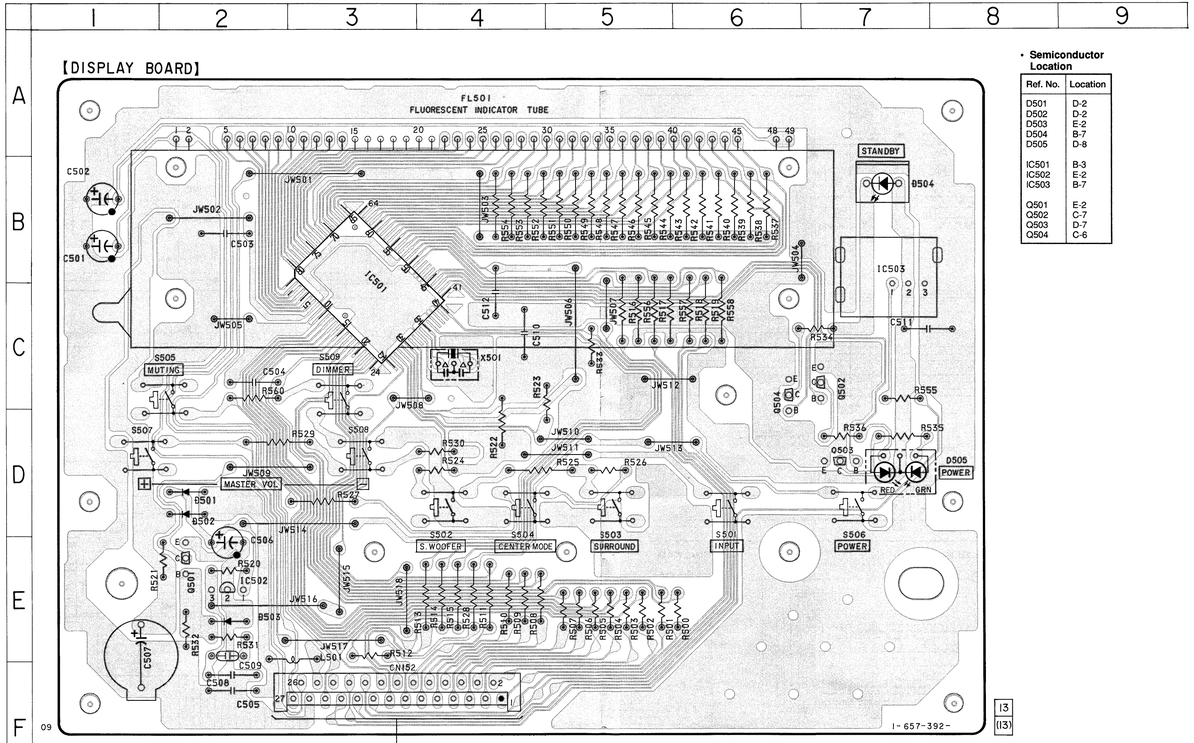
SCHEMATIC DIAGRAM — DISPLAY SECTION —



NOTE

- All capacitors are in μF unless otherwise noted.pF:μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ :internal component.
- ▭ :panel designation.
- B+ :B+ Line.
- B− :B− Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions. no mark:FL all light up (Original Service Manual See Page 2)
- Voltages are taken with a VOM (Input impedance (10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.

PRINTED WIRING BOARD — DISPLAY SECTION —



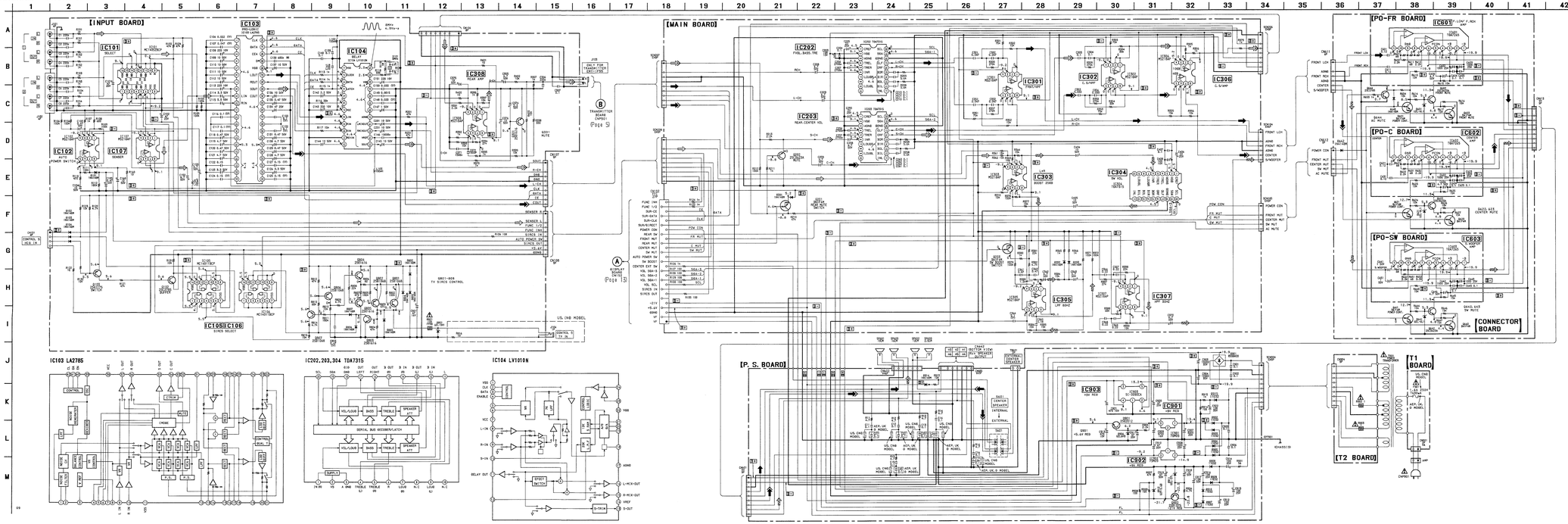
- **Semiconductor Location**

Ref. No.	Location
D501	D-2
D502	D-2
D503	E-2
D504	B-7
D505	D-8
IC501	B-3
IC502	E-2
IC503	B-7
Q501	E-2
Q502	C-7
Q503	D-7
Q504	C-6

Note:

- ○——○ : parts extracted from the component side.
- △ : internal component.
- ▭ : Pattern from the side which enable seeing.

SCHEMATIC DIAGRAM — FRONT SPEAKER SECTION —



NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF. 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ : internal component.
- ▲ : nonflammable resistor.
- [ ] : panel designation.

Note:
The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- [E] : -SP- Line.
- [P] : -SP- Line.
- For detailed PX model, refer to US model.
- For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
- For detailed Australian model, refer to UK model.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark: FL all light up (Original Service Manual See Page 2)
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  CND: Canadian model.
  G: German model.
- Signal path.
  ⇨ : INPUT
  ⇨ : FRONT
  ⇨ : REAR
  ⇨ : CENTER
  ⇨ : WOOFER

【INPUT BOARD】

【MAIN BOARD】

【P.S. BOARD】

【PO-FR BOARD】

【PO-C BOARD】

【PO-SW BOARD】

【TI BOARD】

【T2 BOARD】

【CONNECTOR BOARD】

(Page 7)

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• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D101	G-6	IC203	D-13
D102	H-2	IC301	B-10
D103	H-2	IC302	B-12
D104	H-2	IC303	F-10
D201	E-9	IC304	F-11
D202	H-11	IC305	H-11
D203	H-11	IC306	B-12
D601	I-22	IC307	H-12
D621	I-24	IC308	C-2
D641	H-27	IC601	E-23
D642	J-24	IC602	E-25
D643	I-23	IC603	E-27
D801	I-2	IC901	G-18
D802	I-2	IC902	F-18
D803	I-2	IC903	G-17
D804	I-2		
D805	I-2	Q102	I-4
D806	I-3	Q103	G-2
D807	I-3	Q201	E-9
D901	I-19	Q202	D-11
D902	H-19	Q203	I-11
D903	H-20	Q301	B-3
D904	H-20	Q601	I-23
D905	G-20	Q602	H-22
D906	G-16	Q603	I-23
D907	I-16	Q621	I-24
D908	I-17	Q622	I-25
D909	I-17	Q623	I-24
D910	I-17	Q641	I-27
D911	I-16	Q642	H-27
D912	I-16	Q643	I-28
D914	E-20	Q644	I-24
D915	F-19	Q801	I-2
		Q802	I-3
IC101	H-3	Q803	I-3
IC102	H-6	Q804	I-3
IC103	F-5	Q805	I-3
IC104	C-5	Q806	I-4
IC105	I-5	Q807	I-4
IC106	J-5	Q901	F-16
IC107	H-4	Q902	H-16
IC202	D-11		

Note:

- ○——: parts extracted from the component side.
- ●——: parts extracted from the conductor side.
- ■ : parts mounted on the conductor side.
- △ : internal component.
- : Pattern from the side which enable seeing.
- For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
- For detailed Australian model, refer to UK model.
- For detailed PX model, refer to US model.

- Abbreviation
  CND : Canadian model.
  G : German model.

ELECTRICAL PARTS LIST

NOTE:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- CAPACITORS
  uF : μF
- SEMICONDUCTORS
  In each case, u: μ , for example:
  uA...: μA..., uPA...: μPA..., uPB...: μPB..., uPC...: μPC..., uPD...: μPD...
- COILS
  uH : μH
- Abbreviation
  CND : Canadian model
  G : German model
- For detailed Singapore, Malaysia, Chinese model, refer to AEP model.
- For detailed Australian model, refer to UK model.
- For detailed PX model, refer to US model.

Ref. No.	Part No.	Description				Remark
*	A-4389-786-A	AMPLIFIER BOARD, COMPLETE				
		**********				
		< CAPACITOR >				
C201	1-124-903-11	ELECT	1uF	20%	50V	
C202	1-124-903-11	ELECT	1uF	20%	50V	
C203	1-136-165-00	FILM	0.1uF	5%	50V	
C204	1-136-165-00	FILM	0.1uF	5%	50V	
C205	1-136-165-00	FILM	0.1uF	5%	50V	
C206	1-136-165-00	FILM	0.1uF	5%	50V	
C207	1-124-557-11	ELECT	1000uF	20%	25V	
C208	1-124-557-11	ELECT	1000uF	20%	25V	
C210	1-124-903-11	ELECT	1uF	20%	50V	
C212	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C213	1-136-155-00	FILM	0.015uF	5%	50V	
		< CONNECTOR >				
* CN202	1-569-973-11	PIN, CONNECTOR (PC BOARD) 2P				
CN203	1-564-511-11	PLUG, CONNECTOR 8P				
* CN204	1-569-973-11	PIN, CONNECTOR (PC BOARD) 2P				
		< DIODE >				
D201	8-719-933-33	DIODE HZS6A1L				
D202	8-719-987-63	DIODE 1N4148M				
D203	8-719-987-63	DIODE 1N4148M				
		< IC >				
IC201	8-759-190-89	IC TDA7265				
		< TRANSISTOR >				
Q202	8-729-900-80	TRANSISTOR DTC114ES				
Q203	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q204	8-729-141-30	TRANSISTOR 2SC3623A-LK				
		< RESISTOR >				
R201	1-249-433-11	CARBON	22K	5%	1/4W	
R202	1-249-415-11	CARBON	680	5%	1/4W	F
R203	1-249-433-11	CARBON	22K	5%	1/4W	
R204	1-249-415-11	CARBON	680	5%	1/4W	F
R205	1-249-389-11	CARBON	4.7	5%	1/4W	F
R206	1-249-389-11	CARBON	4.7	5%	1/4W	F
R208	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R209	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R211	1-249-429-11	CARBON	10K	5%	1/4W	
R213	1-249-426-11	CARBON	5.6K	5%	1/4W	
R214	1-247-807-31	CARBON	100	5%	1/4W	
R215	1-249-417-11	CARBON	1K	5%	1/4W	F
R216	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R217	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R218	1-249-429-11	CARBON	10K	5%	1/4W	
R219	1-249-417-11	CARBON	1K	5%	1/4W	F
**********						
*	1-657-393-11	CONNECTOR BOARD				
		**********				
		< CONNECTOR >				
CN611	1-691-768-11	PLUG (MICRO CONNECTOR) 6P				
CN612	1-691-767-11	PLUG (MICRO CONNECTOR) 5P				
* CN613	1-564-905-11	PIN, CONNECTOR 9P				
		< DIODE >				
D601	8-719-933-33	DIODE HZS6A1L				
D621	8-719-933-33	DIODE HZS6A1L				
D641	8-719-933-33	DIODE HZS6A1L				
D642	8-719-987-63	DIODE 1N4148M				
D643	8-719-987-63	DIODE 1N4148M				
		< TRANSISTOR >				
Q601	8-729-900-36	TRANSISTOR DTC124ES				
Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q603	8-729-900-36	TRANSISTOR DTC124ES				
Q621	8-729-900-36	TRANSISTOR DTC124ES				
Q622	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q623	8-729-900-36	TRANSISTOR DTC124ES				
Q641	8-729-900-36	TRANSISTOR DTC124ES				
Q642	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q643	8-729-900-36	TRANSISTOR DTC124ES				
Q644	8-729-119-79	TRANSISTOR 2SC2785-FEK				
		< RESISTOR >				
R613	1-249-429-11	CARBON	10K	5%	1/4W	
R614	1-249-429-11	CARBON	10K	5%	1/4W	

CONNECTOR | DISPLAY

Ref. No.	Part No.	Description				Remark
R616	1-249-432-11	CARBON	18K	5%	1/4W	
R617	1-249-431-11	CARBON	15K	5%	1/4W	
R623	1-249-429-11	CARBON	10K	5%	1/4W	
R624	1-249-429-11	CARBON	10K	5%	1/4W	
R626	1-249-432-11	CARBON	18K	5%	1/4W	
R627	1-249-431-11	CARBON	15K	5%	1/4W	
R643	1-249-429-11	CARBON	10K	5%	1/4W	
R644	1-249-429-11	CARBON	10K	5%	1/4W	
R646	1-249-432-11	CARBON	18K	5%	1/4W	
R647	1-249-431-11	CARBON	15K	5%	1/4W	
R653	1-249-417-11	CARBON	1K	5%	1/4W	F
R654	1-249-429-11	CARBON	10K	5%	1/4W	
**********						
*	A-4378-546-A	DISPLAY BOARD, COMPLETE				
		**********				
*	4-975-283-01	HOLDER				
		< CAPACITOR >				
C501	1-124-261-00	ELECT	10uF	20%	50V	
C502	1-124-261-00	ELECT	10uF	20%	50V	
C503	1-164-159-21	CERAMIC	0.1uF		50V	
C504	1-164-159-21	CERAMIC	0.1uF		50V	
C505	1-164-159-21	CERAMIC	0.1uF		50V	
C506	1-124-589-11	ELECT	47uF	20%	16V	
C507	1-104-905-11	DOUBLE LAYERS	0.22F		5.5V	
C508	1-164-159-21	CERAMIC	0.1uF		50V	
C509	1-136-173-00	FILM	0.47uF	5%	50V	
C510	1-164-159-21	CERAMIC	0.1uF		50V	
C511	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C512	1-164-159-21	CERAMIC	0.1uF		50V	
		< CONNECTOR >				
* CN152	1-568-842-11	SOCKET, CONNECTOR 27P				
		< DIODE >				
D501	8-719-987-63	DIODE	1N4148M			
D502	8-719-987-63	DIODE	1N4148M			
D503	8-719-987-63	DIODE	1N4148M			
D504	8-719-313-48	DIODE	SEL6210S-TH12 (STANDBY)			
D505	8-719-045-89	DIODE	SML16760CN-TP4 (POWER)			
		< FLUORESCENT INDICATOR >				
FL501	1-517-426-11	INDICATOR TUBE, FLUORESCENT				
		< IC >				
IC501	8-759-343-93	IC	uPD78042AGF-054-3B9			
IC502	8-759-165-81	IC	PST600D			
IC503	8-749-920-83	IC	GP1U52XB			

Ref. No.	Part No.	Description				Remark
		< COIL >				
L501	1-410-521-11	INDUCTOR	100uH			
		< TRANSISTOR >				
Q501	8-729-119-79	TRANSISTOR	2SC2785-FEK			
Q502	8-729-900-36	TRANSISTOR	DTC124ES			
Q503	8-729-900-36	TRANSISTOR	DTC124ES			
Q504	8-729-900-36	TRANSISTOR	DTC124ES			
		< RESISTOR >				
R500	1-249-417-11	CARBON	1K	5%	1/4W	F
R501	1-249-417-11	CARBON	1K	5%	1/4W	F
R502	1-247-807-31	CARBON	100	5%	1/4W	
R503	1-247-807-31	CARBON	100	5%	1/4W	
R504	1-247-807-31	CARBON	100	5%	1/4W	
R505	1-249-429-11	CARBON	10K	5%	1/4W	
R506	1-249-417-11	CARBON	1K	5%	1/4W	F
R507	1-249-417-11	CARBON	1K	5%	1/4W	F
R508	1-249-417-11	CARBON	1K	5%	1/4W	F
R509	1-249-417-11	CARBON	1K	5%	1/4W	F
R510	1-249-417-11	CARBON	1K	5%	1/4W	F
R511	1-247-807-31	CARBON	100	5%	1/4W	
R512	1-247-807-31	CARBON	100	5%	1/4W	
R513	1-247-807-31	CARBON	100	5%	1/4W	
R514	1-249-417-11	CARBON	1K	5%	1/4W	F
R515	1-249-417-11	CARBON	1K	5%	1/4W	F
R516	1-249-417-11	CARBON	1K	5%	1/4W	F
R517	1-249-417-11	CARBON	1K	5%	1/4W	F
R518	1-249-417-11	CARBON	1K	5%	1/4W	F
R519	1-247-807-31	CARBON	100	5%	1/4W	
R520	1-249-429-11	CARBON	10K	5%	1/4W	
R521	1-249-429-11	CARBON	10K	5%	1/4W	
R522	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R523	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R524	1-249-413-11	CARBON	470	5%	1/4W	F
R525	1-249-415-11	CARBON	680	5%	1/4W	F
R526	1-249-417-11	CARBON	1K	5%	1/4W	F
R527	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R528	1-249-413-11	CARBON	470	5%	1/4W	F
R529	1-249-415-11	CARBON	680	5%	1/4W	F
R530	1-249-417-11	CARBON	1K	5%	1/4W	F
R531	1-249-417-11	CARBON	1K	5%	1/4W	F
R532	1-249-429-11	CARBON	10K	5%	1/4W	
R533	1-249-437-11	CARBON	47K	5%	1/4W	
R534	1-247-815-91	CARBON	220	5%	1/4W	
R535	1-249-407-11	CARBON	150	5%	1/4W	F
R536	1-247-815-91	CARBON	220	5%	1/4W	
R537	1-249-437-11	CARBON	47K	5%	1/4W	
R538	1-249-437-11	CARBON	47K	5%	1/4W	
R539	1-249-437-11	CARBON	47K	5%	1/4W	

Ref. No.	Part No.	Description				Remark
R540	1-249-437-11	CARBON	47K	5%	1/4W	
R541	1-249-437-11	CARBON	47K	5%	1/4W	
R542	1-249-437-11	CARBON	47K	5%	1/4W	
R543	1-249-437-11	CARBON	47K	5%	1/4W	
R544	1-249-437-11	CARBON	47K	5%	1/4W	
R545	1-249-437-11	CARBON	47K	5%	1/4W	
R546	1-249-437-11	CARBON	47K	5%	1/4W	
R547	1-249-437-11	CARBON	47K	5%	1/4W	
R548	1-249-437-11	CARBON	47K	5%	1/4W	
R549	1-249-437-11	CARBON	47K	5%	1/4W	
R550	1-249-437-11	CARBON	47K	5%	1/4W	
R551	1-249-437-11	CARBON	47K	5%	1/4W	
R552	1-249-437-11	CARBON	47K	5%	1/4W	
R553	1-249-437-11	CARBON	47K	5%	1/4W	
R554	1-249-437-11	CARBON	47K	5%	1/4W	
R555	1-247-807-31	CARBON	100	5%	1/4W	
R556	1-249-429-11	CARBON	10K	5%	1/4W	
R557	1-249-429-11	CARBON	10K	5%	1/4W	
R558	1-249-429-11	CARBON	10K	5%	1/4W	
R560	1-249-421-11	CARBON	2.2K	5%	1/4W	F
		< SWITCH >				
S501	1-554-303-21	SWITCH, TACTILE (INPUT)				
S502	1-554-303-21	SWITCH, TACTILE (S.WOOFER)				
S503	1-554-303-21	SWITCH, TACTILE (SURROUND)				
S504	1-554-303-21	SWITCH, TACTILE (CENTER MODE)				
S505	1-554-303-21	SWITCH, TACTILE (MUTING)				
S506	1-554-303-21	SWITCH, TACTILE (POWER)				
S507	1-554-303-21	SWITCH, TACTILE (MASTER VOL +)				
S508	1-554-303-21	SWITCH, TACTILE (MASTER VOL -)				
S509	1-554-303-21	SWITCH, TACTILE (DIMMER)				
		< VIBRATOR >				
X501	1-579-233-11	VIBRATOR, CERAMIC (5MHz)				
**********						
*	A-4378-549-A	INPUT BOARD, COMPLETE (US,CND)				
		**********				
*	A-4378-635-A	INPUT BOARD, COMPLETE (AEP,UK,G)				
		**********				
		< CAPACITOR >				
C1	1-162-286-21	CERAMIC	220PF	10%	50V	
C2	1-162-286-21	CERAMIC	220PF	10%	50V	
C3	1-162-286-21	CERAMIC	220PF	10%	50V	
C4	1-162-286-21	CERAMIC	220PF	10%	50V	
C5	1-162-286-21	CERAMIC	220PF	10%	50V	
C6	1-162-286-21	CERAMIC	220PF	10%	50V	
C7	1-162-286-21	CERAMIC	220PF	10%	50V	
C8	1-162-286-21	CERAMIC	220PF	10%	50V	

Ref. No.	Part No.	Description			Remark
C101	1-124-477-11	ELECT	47uF	20%	25V
C102	1-124-477-11	ELECT	47uF	20%	25V
C103	1-124-902-00	ELECT	0.47uF	20%	50V
C104	1-124-907-11	ELECT	10uF	20%	50V
C105	1-124-902-00	ELECT	0.47uF	20%	50V
C106	1-136-157-00	FILM	0.022uF	5%	50V
C107	1-136-161-00	FILM	0.047uF	5%	50V
C108	1-104-666-11	ELECT	220uF	20%	10V
C109	1-124-907-11	ELECT	10uF	20%	50V
C110	1-124-907-11	ELECT	10uF	20%	50V
C111	1-124-907-11	ELECT	10uF	20%	50V
C112	1-124-907-11	ELECT	10uF	20%	50V
C113	1-104-666-11	ELECT	220uF	20%	10V
C114	1-126-962-11	ELECT	3.3uF	20%	50V
C115	1-126-962-11	ELECT	3.3uF	20%	50V
C116	1-136-165-00	FILM	0.1uF	5%	50V
C117	1-136-165-00	FILM	0.1uF	5%	50V
C118	1-124-902-00	ELECT	0.47uF	20%	50V
C119	1-126-963-11	ELECT	4.7uF	20%	50V
C120	1-124-902-00	ELECT	0.47uF	20%	50V
C121	1-126-963-11	ELECT	4.7uF	20%	50V
C122	1-136-167-00	FILM	0.15uF	5%	50V
C123	1-126-962-11	ELECT	3.3uF	20%	50V
C124	1-136-167-00	FILM	0.15uF	5%	50V
C125	1-136-167-00	FILM	0.15uF	5%	50V
C126	1-126-962-11	ELECT	3.3uF	20%	50V
C127	1-136-167-00	FILM	0.15uF	5%	50V
C128	1-126-963-11	ELECT	4.7uF	20%	50V
C129	1-124-902-00	ELECT	0.47uF	20%	50V
C130	1-126-963-11	ELECT	4.7uF	20%	50V
C131	1-124-902-00	ELECT	0.47uF	20%	50V
C132	1-136-165-00	FILM	0.1uF	5%	50V
C133	1-136-165-00	FILM	0.1uF	5%	50V
C134	1-124-477-11	ELECT	47uF	20%	25V
C135	1-124-902-00	ELECT	0.47uF	20%	50V
C136	1-124-907-11	ELECT	10uF	20%	50V
C137	1-124-907-11	ELECT	10uF	20%	50V
C138	1-137-363-91	FILM	680PF	5%	50V
C139	1-136-165-00	FILM	0.1uF	5%	50V
C140	1-136-165-00	FILM	0.1uF	5%	50V
C141	1-162-286-21	CERAMIC	220PF	10%	50V
C142	1-126-961-11	ELECT	2.2uF	20%	50V
C143	1-104-666-11	ELECT	220uF	20%	10V
C144	1-124-907-11	ELECT	10uF	20%	50V
C145	1-124-907-11	ELECT	10uF	20%	50V
C146	1-162-306-11	CERAMIC	0.01uF	30%	16V
C147	1-124-903-11	ELECT	1uF	20%	50V
C148	1-136-159-00	FILM	0.033uF	5%	50V
C149	1-137-365-11	FILM	0.0015uF	5%	50V
C150	1-136-159-00	FILM	0.033uF	5%	50V

INPUT

Ref. No.	Part No.	Description				Remark
C151	1-104-666-11	ELECT	220uF	20%	10V	
C152	1-126-963-11	ELECT	4.7uF	20%	50V	
C153	1-126-963-11	ELECT	4.7uF	20%	50V	
C160	1-124-907-11	ELECT	10uF	20%	50V	
C201	1-124-907-11	ELECT	10uF	20%	50V	
C251	1-124-907-11	ELECT	10uF	20%	50V	
C305	1-126-963-11	ELECT	4.7uF	20%	50V	
C306	1-162-286-21	CERAMIC	220PF	10%	50V	
C307	1-164-159-21	CERAMIC	0.1MF		50V	
C371	1-162-301-11	CERAMIC	0.0015uF	20%	16V	
C372	1-162-301-11	CERAMIC	0.0015uF	20%	16V	
C374	1-126-961-11	ELECT	2.2uF	20%	50V	
C375	1-124-907-11	ELECT	10uF	20%	50V	
C376	1-124-907-11	ELECT	10uF	20%	50V	
C801	1-104-664-11	ELECT	47uF	20%	16V	
C803	1-136-173-00	FILM	0.47uF	5%	50V	
		< CONNECTOR >				
CN101	1-564-980-11	PIN, CONNECTOR 4P (CONTROL S HCD IN)				
CN106	1-691-770-11	PLUG (MICRO CONNECTOR) 8P				
CN107	1-691-771-11	PLUG (MICRO CONNECTOR) 9P				
CN108	1-691-771-11	PLUG (MICRO CONNECTOR) 9P				
		< DIODE >				
D101	8-719-987-63	DIODE	1N4148M			
D102	8-719-987-63	DIODE	1N4148M			
D103	8-719-987-63	DIODE	1N4148M			
D104	8-719-987-63	DIODE	1N4148M			
D801	8-719-933-54	DIODE	HZS9A2L			
D802	8-719-987-63	DIODE	1N4148M			
D803	8-719-987-63	DIODE	1N4148M			
D804	8-719-987-63	DIODE	1N4148M			
D805	8-719-987-63	DIODE	1N4148M			
D806	8-719-987-63	DIODE	1N4148M			
D807	8-719-987-63	DIODE	1N4148M			
		< IC >				
IC101	8-759-000-48	IC	MC14052BCP			
IC102	8-759-634-51	IC	M5218AP			
IC103	8-759-248-74	IC	LA2785			
IC104	8-759-168-98	IC	LV1010N			
IC105	8-759-140-11	IC	uPD4011BC			
IC106	8-759-140-11	IC	uPD4011BC			
IC107	8-759-634-51	IC	M5218AP			
IC308	8-759-634-51	IC	M5218AP			
		< JACK >				
J101	1-766-851-11	JACK, PIN 4P (1 IN/OUT)				
J102	1-766-851-11	JACK, PIN 4P (2 IN/OUT)				
J103	1-774-099-11	JACK (MINI DIN) (ONLY FOR TRANSMITTER OUT EMT-IF55)				
J104	1-566-819-41	JACK 1P (CONTROL S TV IN) (US, CND)				
		< COIL >				
L102	1-410-521-11	INDUCTOR	100uH			
L103	1-410-521-11	INDUCTOR	100uH			
L104	1-410-521-11	INDUCTOR	100uH			
		< TRANSISTOR >				
Q102	8-729-119-79	TRANSISTOR	2SC2785-FEK			
Q103	8-729-119-76	TRANSISTOR	2SA1175-HFE			
Q301	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q801	8-729-116-56	TRANSISTOR	2SB1068-L			
Q802	8-729-116-56	TRANSISTOR	2SB1068-L			
Q803	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q804	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q805	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q806	8-729-116-56	TRANSISTOR	2SB1068-L			
Q807	8-729-116-56	TRANSISTOR	2SB1068-L			
		< RESISTOR >				
R101	1-249-417-11	CARBON	1K	5%	1/4W	F
R102	1-249-417-11	CARBON	1K	5%	1/4W	F
R103	1-249-417-11	CARBON	1K	5%	1/4W	F
R104	1-249-417-11	CARBON	1K	5%	1/4W	F
R105	1-249-441-11	CARBON	100K	5%	1/4W	
R106	1-249-441-11	CARBON	100K	5%	1/4W	
R107	1-249-417-11	CARBON	1K	5%	1/4W	F
R108	1-249-415-11	CARBON	680	5%	1/4W	F
R109	1-249-441-11	CARBON	100K	5%	1/4W	
R110	1-249-413-11	CARBON	470	5%	1/4W	F
R111	1-249-441-11	CARBON	100K	5%	1/4W	
R112	1-249-441-11	CARBON	100K	5%	1/4W	
R113	1-249-417-11	CARBON	1K	5%	1/4W	F
R114	1-249-417-11	CARBON	1K	5%	1/4W	F
R115	1-249-417-11	CARBON	1K	5%	1/4W	F
R116	1-249-435-11	CARBON	33K	5%	1/4W	
R117	1-249-431-11	CARBON	15K	5%	1/4W	
R118	1-249-411-11	CARBON	330	5%	1/4W	
R119	1-247-903-00	CARBON	1M	5%	1/4W	
R120	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R121	1-249-437-11	CARBON	47K	5%	1/4W	
R122	1-249-393-11	CARBON	10	5%	1/4W	F
R123	1-249-429-11	CARBON	10K	5%	1/4W	
R131	1-249-429-11	CARBON	10K	5%	1/4W	
R132	1-249-429-11	CARBON	10K	5%	1/4W	
R133	1-249-437-11	CARBON	47K	5%	1/4W	
R134	1-249-437-11	CARBON	47K	5%	1/4W	
R136	1-247-807-31	CARBON	100	5%	1/4W	
R151	1-249-417-11	CARBON	1K	5%	1/4W	F

Ref. No.	Part No.	Description				Remark
R152	1-249-417-11	CARBON	1K	5%	1/4W	F
R153	1-249-417-11	CARBON	1K	5%	1/4W	F
R154	1-249-417-11	CARBON	1K	5%	1/4W	F
R155	1-249-441-11	CARBON	100K	5%	1/4W	
R156	1-249-441-11	CARBON	100K	5%	1/4W	
R160	1-249-393-11	CARBON	10	5%	1/4W	F
R201	1-249-437-11	CARBON	47K	5%	1/4W	
R251	1-249-437-11	CARBON	47K	5%	1/4W	
R307	1-249-417-11	CARBON	1K	5%	1/4W	
R370	1-249-417-11	CARBON	1K	5%	1/4W	F
R391	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R392	1-249-417-11	CARBON	1K	5%	1/4W	F
R393	1-249-429-11	CARBON	10K	5%	1/4W	
R394	1-249-434-11	CARBON	27K	5%	1/4W	
R395	1-249-417-11	CARBON	1K	5%	1/4W	F
R396	1-249-417-11	CARBON	1K	5%	1/4W	F
R397	1-249-429-11	CARBON	10K	5%	1/4W	
R398	1-249-411-11	CARBON	330	5%	1/4W	
R399	1-249-429-11	CARBON	10K	5%	1/4W	
R400	1-249-393-11	CARBON	10	5%	1/4W	F
R401	1-249-393-11	CARBON	10	5%	1/4W	F
R402	1-249-429-11	CARBON	10K	5%	1/4W	
R403	1-249-429-11	CARBON	10K	5%	1/4W	
⚠R801	1-249-405-11	CARBON	100	5%	1/4W	F
R802	1-249-441-11	CARBON	100K	5%	1/4W	
R803	1-249-437-11	CARBON	47K	5%	1/4W	
R804	1-249-437-11	CARBON	47K	5%	1/4W	
R805	1-249-441-11	CARBON	100K	5%	1/4W	
R806	1-249-404-00	CARBON	82	5%	1/4W	F
R807	1-249-413-11	CARBON	470	5%	1/4W	F
R808	1-247-863-91	CARBON	22K	5%	1/4W	
R809	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R810	1-249-429-11	CARBON	10K	5%	1/4W	
R811	1-249-441-11	CARBON	100K	5%	1/4W	
R812	1-249-437-11	CARBON	47K	5%	1/4W	
R813	1-249-439-11	CARBON	68K	5%	1/4W	
R814	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R815	1-249-429-11	CARBON	10K	5%	1/4W	
R816	1-249-393-11	CARBON	10	5%	1/4W	F
						(US, CND)
		< VIBRATOR >				
X101	1-579-125-11	VIBRATOR, CERAMIC (8MHz)				

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Ref. No.	Part No.	Description			Remark
*	A-4378-547-A	MAIN BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C203	1-124-443-00	ELECT	100uF	20%	10V
C204	1-136-165-00	FILM	0.1uF	5%	50V
C205	1-126-233-11	ELECT	22uF	20%	50V
C206	1-137-457-11	FILM	0.0027uF	5%	50V
C207	1-137-457-11	FILM	0.0027uF	5%	50V
C208	1-126-963-11	ELECT	4.7uF	20%	50V
C209	1-126-963-11	ELECT	4.7uF	20%	50V
C210	1-136-165-00	FILM	0.1uF	5%	50V
C211	1-136-165-00	FILM	0.1uF	5%	50V
C212	1-136-165-00	FILM	0.1uF	5%	50V
C213	1-136-165-00	FILM	0.1uF	5%	50V
C255	1-126-233-11	ELECT	22uF	20%	50V
C256	1-137-457-11	FILM	0.0027uF	5%	50V
C257	1-137-457-11	FILM	0.0027uF	5%	50V
C258	1-126-963-11	ELECT	4.7uF	20%	50V
C259	1-126-963-11	ELECT	4.7uF	20%	50V
C260	1-136-165-00	FILM	0.1uF	5%	50V
C261	1-136-165-00	FILM	0.1uF	5%	50V
C262	1-136-165-00	FILM	0.1uF	5%	50V
C263	1-136-165-00	FILM	0.1uF	5%	50V
C301	1-136-161-00	FILM	0.047uF	5%	50V
C302	1-136-161-00	FILM	0.047uF	5%	50V
C303	1-136-165-00	FILM	0.1uF	5%	50V
C304	1-136-165-00	FILM	0.1uF	5%	50V
C351	1-136-161-00	FILM	0.047uF	5%	50V
C352	1-136-161-00	FILM	0.047uF	5%	50V
C353	1-136-059-00	FILM	0.033uF	5%	50V
C354	1-136-059-00	FILM	0.033uF	5%	50V
C360	1-136-173-00	FILM	0.47uF	5%	50V
C361	1-136-173-00	FILM	0.47uF	5%	50V
C362	1-126-963-11	ELECT	4.7uF	20%	50V
C363	1-126-963-11	ELECT	4.7uF	20%	50V
C364	1-136-165-00	FILM	0.1uF	5%	50V
C365	1-136-168-00	FILM	0.18uF	5%	50V
C366	1-136-169-00	FILM	0.22uF	5%	50V
C367	1-136-169-00	FILM	0.22uF	5%	50V
C368	1-136-169-00	FILM	0.22uF	5%	50V
C369	1-136-169-00	FILM	0.22uF	5%	50V
C370	1-126-963-11	ELECT	4.7uF	20%	50V
C404	1-124-907-11	ELECT	10uF	20%	50V
C405	1-124-907-11	ELECT	10uF	20%	50V
C406	1-126-233-11	ELECT	22uF	20%	50V
C407	1-136-165-00	FILM	0.1uF	5%	50V
C408	1-124-443-00	ELECT	100uF	20%	10V

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

MAIN P.S (FRONT)

Ref. No.	Part No.	Description				Remark
		< CONNECTOR >				
* CN102	1-568-842-11	SOCKET, CONNECTOR 27P				
		< DIODE >				
D201	8-719-987-63	DIODE 1N4148M				
D202	8-719-987-63	DIODE 1N4148M				
D203	8-719-987-63	DIODE 1N4148M				
		< IC >				
IC202	8-759-264-31	IC TDA7315				
IC203	8-759-264-31	IC TDA7315				
IC301	8-759-634-51	IC M5218AP				
IC302	8-759-634-51	IC M5218AP				
IC303	8-759-634-51	IC M5218AP				
IC304	8-759-264-31	IC TDA7315				
IC305	8-759-634-51	IC M5218AP				
IC306	8-759-634-51	IC M5218AP				
IC307	8-759-634-51	IC M5218AP				
		< TRANSISTOR >				
Q201	8-729-900-63	TRANSISTOR DTA124ES				
Q202	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q203	8-729-900-36	TRANSISTOR DTC124ES				
		< RESISTOR >				
R124	1-249-417-11	CARBON	1K	5%	1/4W	F
R125	1-249-417-11	CARBON	1K	5%	1/4W	F
R126	1-249-417-11	CARBON	1K	5%	1/4W	F
R127	1-247-807-31	CARBON	100	5%	1/4W	
R128	1-247-807-31	CARBON	100	5%	1/4W	
R129	1-247-807-31	CARBON	100	5%	1/4W	
R130	1-247-807-31	CARBON	100	5%	1/4W	
R135	1-247-807-31	CARBON	100	5%	1/4W	
R208	1-249-426-11	CARBON	5.6K	5%	1/4W	
R209	1-249-426-11	CARBON	5.6K	5%	1/4W	
R210	1-249-437-11	CARBON	47K	5%	1/4W	
R211	1-249-417-11	CARBON	1K	5%	1/4W	F
R212	1-249-441-11	CARBON	100K	5%	1/4W	
R213	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R258	1-249-426-11	CARBON	5.6K	5%	1/4W	
R259	1-249-426-11	CARBON	5.6K	5%	1/4W	
R301	1-247-876-11	CARBON	75K	5%	1/4W	
R302	1-249-431-11	CARBON	15K	5%	1/4W	
R303	1-247-876-11	CARBON	75K	5%	1/4W	
R304	1-249-436-11	CARBON	39K	5%	1/4W	
R305	1-249-417-11	CARBON	1K	5%	1/4W	F
R306	1-249-417-11	CARBON	1K	5%	1/4W	F
R308	1-247-889-00	CARBON	270K	5%	1/4W	
R309	1-247-889-00	CARBON	270K	5%	1/4W	
R310	1-249-429-11	CARBON	10K	5%	1/4W	
R351	1-247-876-11	CARBON	75K	5%	1/4W	
R352	1-249-431-11	CARBON	15K	5%	1/4W	
R353	1-247-876-11	CARBON	75K	5%	1/4W	
R354	1-249-436-11	CARBON	39K	5%	1/4W	
R355	1-249-431-11	CARBON	15K	5%	1/4W	
R356	1-249-429-11	CARBON	10K	5%	1/4W	
R357	1-247-889-00	CARBON	270K	5%	1/4W	
R358	1-247-889-00	CARBON	270K	5%	1/4W	
R361	1-249-431-11	CARBON	15K	5%	1/4W	
R362	1-249-431-11	CARBON	15K	5%	1/4W	
R363	1-249-429-11	CARBON	10K	5%	1/4W	
R364	1-249-429-11	CARBON	10K	5%	1/4W	
R365	1-249-417-11	CARBON	1K	5%	1/4W	F
R366	1-249-417-11	CARBON	1K	5%	1/4W	F
R371	1-249-441-11	CARBON	100K	5%	1/4W	
R372	1-249-441-11	CARBON	100K	5%	1/4W	
R375	1-249-417-11	CARBON	1K	5%	1/4W	F
R377	1-249-429-11	CARBON	10K	5%	1/4W	
R378	1-247-883-00	CARBON	150K	5%	1/4W	
R379	1-249-441-11	CARBON	100K	5%	1/4W	
R380	1-249-417-11	CARBON	1K	5%	1/4W	F
R381	1-247-863-91	CARBON	22K	5%	1/4W	
R382	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R383	1-249-418-11	CARBON	1.2K	5%	1/4W	F
R384	1-249-429-11	CARBON	10K	5%	1/4W	
R385	1-249-431-11	CARBON	15K	5%	1/4W	
R386	1-249-431-11	CARBON	15K	5%	1/4W	
R387	1-249-434-11	CARBON	27K	5%	1/4W	
R388	1-247-863-91	CARBON	22K	5%	1/4W	
R389	1-249-439-11	CARBON	68K	5%	1/4W	
R390	1-249-429-11	CARBON	10K	5%	1/4W	
**********						
*	A-4378-548-A	P.S BOARD, COMPLETE (FRONT) (US, CND)				
		**********				
*	A-4389-104-A	P.S BOARD, COMPLETE (FRONT) (AEP, UK, G)				
		**********				
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S				
		< CAPACITOR >				
C11	1-136-165-00	FILM	0.1uF	5%	50V	
C12	1-136-165-00	FILM	0.1uF	5%	50V	
C13	1-136-165-00	FILM	0.1uF	5%	50V	
C14	1-136-165-00	FILM	0.1uF	5%	50V	
C15	1-136-165-00	FILM	0.1uF	5%	50V	
C16	1-136-165-00	FILM	0.1uF	5%	50V	
C21	1-136-165-00	FILM	0.1uF	5%	50V	(AEP, UK, G)
C22	1-136-165-00	FILM	0.1uF	5%	50V	(AEP, UK, G)
C23	1-136-165-00	FILM	0.1uF	5%	50V	(AEP, UK, G)

Ref. No.	Part No.	Description				Remark
C24	1-136-165-00	FILM	0.1uF	5%	50V	
C25	1-136-165-00	FILM	0.1uF	5%	50V	
C26	1-136-165-00	FILM	0.1uF	5%	50V	
C901	1-136-165-00	FILM	0.1uF	5%	50V	
C902	1-136-165-00	FILM	0.1uF	5%	50V	
C903	1-113-685-11	ELECT	10000MF	20%	35V	
C904	1-113-685-11	ELECT	10000MF	20%	35V	
C905	1-136-165-00	FILM	0.1uF	5%	50V	
C906	1-136-165-00	FILM	0.1uF	5%	50V	
C907	1-126-944-11	ELECT	3300uF	20%	25V	
C908	1-124-557-11	ELECT	1000uF	20%	25V	
C909	1-126-937-11	ELECT	4700uF	20%	16V	
C910	1-124-477-11	ELECT	47uF	20%	25V	
C911	1-124-477-11	ELECT	47uF	20%	25V	
C912	1-124-478-11	ELECT	100uF	20%	25V	
C913	1-124-472-11	ELECT	470uF	20%	10V	
C914	1-124-478-11	ELECT	100uF	20%	25V	
C915	1-124-478-11	ELECT	100uF	20%	25V	
C916	1-124-478-11	ELECT	100uF	20%	25V	
C917	1-124-122-11	ELECT	100uF	20%	50V	
C918	1-124-907-11	ELECT	10uF	20%	50V	
C919	1-124-910-11	ELECT	47uF	20%	50V	
C920	1-124-477-11	ELECT	47uF	20%	25V	
C921	1-124-472-11	ELECT	470uF	20%	10V	
C922	1-126-968-11	ELECT	100uF	20%	35V	
		< CONNECTOR >				
* CN601	1-564-905-11	PIN, CONNECTOR 9P				
* CN602	1-564-243-11	PIN, CONNECTOR 6P				
* CN605	1-564-915-11	PIN, CONNECTOR 7P (R-ch SPEAKER OUTPUT)				
		< DIODE >				
D901	8-719-500-60	DIODE	D5SBA20			
D902	8-719-200-82	DIODE	11ES2			
D903	8-719-200-82	DIODE	11ES2			
D904	8-719-200-82	DIODE	11ES2			
D905	8-719-200-82	DIODE	11ES2			
D906	8-719-933-41	DIODE	HZS6C3L			
D907	8-719-200-82	DIODE	11ES2			
D908	8-719-200-82	DIODE	11ES2			
D909	8-719-200-82	DIODE	11ES2			
D910	8-719-200-82	DIODE	11ES2			
D911	8-719-002-43	DIODE	UZL-27L			
D912	8-719-014-66	DIODE	UZP-5.6B			
D914	8-719-987-63	DIODE	1N4148M			
D915	8-719-200-82	DIODE	11ES2			
		< GROUND TERMINAL >				
EPT901	1-537-771-21	TERMINAL BOARD, GROUND				

Ref. No.	Part No.	Description				Remark
		< IC >				
IC901	8-759-701-59	IC	NJM78M09FA			
IC902	8-759-604-43	IC	M5F79M09L			
IC903	8-749-920-58	IC	SI3090CA			
		< TRANSISTOR >				
Q901	8-729-209-15	TRANSISTOR	2SD2012			
Q902	8-729-141-83	TRANSISTOR	2SB1094-LK			
		< RESISTOR >				
R11	1-249-389-11	CARBON	4.7	5%	1/4W	F
R12	1-249-389-11	CARBON	4.7	5%	1/4W	F
R13	1-249-389-11	CARBON	4.7	5%	1/4W	F
R14	1-249-389-11	CARBON	4.7	5%	1/4W	F
R15	1-249-389-11	CARBON	4.7	5%	1/4W	F
R16	1-249-389-11	CARBON	4.7	5%	1/4W	F
R901	1-249-402-11	CARBON	56	5%	1/4W	F
R904	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R906	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R907	1-249-437-11	CARBON	47K	5%	1/4W	
R908	1-247-807-31	CARBON	100	5%	1/4W	
R909	1-247-807-31	CARBON	100	5%	1/4W	
R913	1-249-429-11	CARBON	10K	5%	1/4W	
R914	1-247-807-31	CARBON	100	5%	1/4W	
R915	1-249-417-11	CARBON	1K	5%	1/4W	F
		< SWITCH >				
S601	1-762-405-11	SWITCH, PUSH (CENTER SPEAKER)				
		< TERMINAL >				
TB601	1-537-952-11	TERMINAL BOARD, PUSH (ANTENNA) 2P (EXTERNAL CENTER SPEAKER)				
**********						
*	1-657-661-11	P.S. BOARD (REAR)				
		**********				
	1-533-293-11	FUSE HOLDER				
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3				
		< CAPACITOR >				
C301	1-124-771-00	ELECT	6800uF	20%	25V	
C302	1-124-771-00	ELECT	6800uF	20%	25V	
C308	1-164-159-21	CERAMIC	0.1uF		50V	
C309	1-164-159-21	CERAMIC	0.1uF		50V	
C310	1-124-478-11	ELECT	100uF	20%	25V	
		< CONNECTOR >				
CN301	1-564-511-11	PLUG, CONNECTOR 8P				
CN302	1-580-230-11	PIN, CONNECTOR (PC BOARD) 2P				

P. S (REAR) | PO-C | PO-FR | PO-SW | RECEIVER

Ref. No.	Part No.	Description			Remark
CN303	1-564-510-11	PLUG, CONNECTOR 7P			
CN304	1-774-281-11	CONNECTOR (DIN) 8P (OPTION)			
		< DIODE >			
D301	8-719-200-82	DIODE 11ES2			
D302	8-719-025-03	DIODE RBA-402-SL			
		< FILTER >			
⚠F301	1-532-613-XX	FUSE, CYLINDRICAL TIME-LAG (200mA/250V)			(AEP, UK, G)
⚠F301	1-532-819-11	FUSE (500mA/250V) (US, CND)			
		< SWITCH >			
S301	1-762-175-11	SWITCH, SLIDE (NORMAL → OPTION)			
		< TRANSFORMER >			
⚠T301	1-429-134-21	TRANSFORMER, POWER (US, CND)			
⚠T301	1-429-135-21	TRANSFORMER, POWER (AEP, UK, G)			
**********					
*	1-657-396-11	PO-C BOARD			
		**********			
		< CAPACITOR >			
C621	1-136-166-91	FILM	0.12MF	5%	50V
C622	1-124-557-11	ELECT	1000uF	20%	25V
C623	1-124-557-11	ELECT	1000uF	20%	25V
C624	1-136-165-00	FILM	0.1uF	5%	50V
C625	1-136-165-00	FILM	0.1uF	5%	50V
C626	1-126-963-11	ELECT	4.7uF	20%	50V
C631	1-136-166-91	FILM	0.12MF	5%	50V
		< IC >			
IC602	8-759-190-89	IC TDA7265			
		< RESISTOR >			
R621	1-249-403-11	CARBON	68	5% 1/4W	F
R622	1-249-421-11	CARBON	2.2K	5% 1/4W	F
R625	1-249-431-11	CARBON	15K	5% 1/4W	
R631	1-249-403-11	CARBON	68	5% 1/4W	F
R632	1-249-421-11	CARBON	2.2K	5% 1/4W	F
**********					
*	1-657-394-11	PO-FR BOARD			
		**********			
		< CAPACITOR >			
C601	1-136-166-00	FILM	0.12MF	5%	50V
C602	1-124-557-11	ELECT	1000uF	20%	25V
C603	1-124-557-11	ELECT	1000uF	20%	25V
C604	1-136-165-00	FILM	0.1uF	5%	50V
C605	1-136-165-00	FILM	0.1uF	5%	50V
C606	1-126-963-11	ELECT	4.7uF	20%	50V
C611	1-136-166-00	FILM	0.12MF	5%	50V
		< IC >			
IC601	8-759-190-89	IC TDA7265			
		< RESISTOR >			
R601	1-249-403-11	CARBON	68	5% 1/4W	F
R602	1-249-421-11	CARBON	2.2K	5% 1/4W	F
R611	1-249-403-11	CARBON	68	5% 1/4W	F
R612	1-249-421-11	CARBON	2.2K	5% 1/4W	F
R615	1-249-431-11	CARBON	15K	5% 1/4W	
**********					
*	1-657-395-11	PO-SW BOARD			
		**********			
		< CAPACITOR >			
C641	1-124-903-11	ELECT	1uF	20%	50V
C642	1-124-557-11	ELECT	1000uF	20%	25V
C643	1-124-557-11	ELECT	1000uF	20%	25V
C644	1-136-165-00	FILM	0.1uF	5%	50V
C645	1-136-165-00	FILM	0.1uF	5%	50V
C646	1-126-963-11	ELECT	4.7uF	20%	50V
C651	1-124-903-11	ELECT	1uF	20%	50V
		< IC >			
IC603	8-759-190-89	IC TDA7265			
		< RESISTOR >			
R641	1-249-403-11	CARBON	68	5% 1/4W	F
R642	1-249-423-11	CARBON	3.3K	5% 1/4W	F
R645	1-249-431-11	CARBON	15K	5% 1/4W	
R651	1-249-403-11	CARBON	68	5% 1/4W	F
R652	1-249-423-11	CARBON	3.3K	5% 1/4W	F
**********					
*	A-4389-788-A	RECEIVER BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C1	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C2	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C3	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C4	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C5	1-164-346-11	CERAMIC CHIP	1uF		16V

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
C6	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C101	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C102	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C103	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C104	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C105	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C106	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C107	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C108	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
C109	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
C110	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C111	1-126-204-11	ELECT CHIP	47uF	20%	16V
C112	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C113	1-126-204-11	ELECT CHIP	47uF	20%	16V
C114	1-126-204-11	ELECT CHIP	47uF	20%	16V
C115	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C116	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V
C117	1-126-204-11	ELECT CHIP	47uF	20%	16V
C118	1-126-204-11	ELECT CHIP	47uF	20%	16V
C119	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C120	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C122	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C123	1-126-204-11	ELECT CHIP	47uF	20%	16V
C124	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C125	1-126-204-11	ELECT CHIP	47uF	20%	16V
C126	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C127	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C701	1-124-779-00	ELECT CHIP	10uF	20%	16V
C704	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C705	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C706	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C707	1-126-204-11	ELECT CHIP	47uF	20%	16V
C708	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C709	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C710	1-165-319-11	CERAMIC CHIP	0.1uF		50V
		< CONNECTOR >			
CN101	1-564-510-11	PLUG, CONNECTOR 7P			
		< DIODE >			
D1	8-719-992-09	PHOTO DIODE PP-801			
D101	8-719-421-40	DIODE	MA77		
D102	8-719-421-40	DIODE	MA77		
D103	8-719-049-64	DIODE	MA715-TX		
D104	8-719-049-64	DIODE	MA715-TX		
D401	8-719-055-49	DIODE	SML52420C-TP4 (POWER/STANDBY)		
D701	8-719-019-07	DIODE	ZSML-5.1B-T1		
D702	8-719-800-76	DIODE	1SS226		

Ref. No.	Part No.	Description			Remark
		< BAND PASS FILTER >			
FL101	1-233-259-11	FILTER, BAND PASS (B)			
		< IC >			
IC101	1-809-861-11	IC	NJM78L08UA-TE1		
IC102	8-759-056-30	IC	MC3361BD		
IC103	8-759-064-92	IC	NJM5532M-D		
IC104	8-759-349-61	IC	RH5VA60CA-T1		
IC105	8-759-281-33	IC	NJM79L08UA-TE1		
IC701	8-759-701-51	IC	NJM2072M		
IC702	8-759-064-92	IC	NJM5532M-D		
		< COIL >			
L1	1-412-958-21	INDUCTOR	39uH		
		< TRANSISTOR >			
Q1	8-729-220-93	TRANSISTOR	2SK209-G		
Q2	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q4	8-729-216-22	TRANSISTOR	2SA1162-G		
Q101	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q102	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q103	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q104	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q105	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q701	8-729-424-12	TRANSISTOR	UN2112		
Q702	8-729-230-49	TRANSISTOR	2SC2712-YG		
		< RESISTOR >			
R1	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R2	1-216-091-00	METAL CHIP	56K	5%	1/10W
R3	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R4	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R5	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R6	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R7	1-216-037-00	METAL CHIP	330	5%	1/10W
R8	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R102	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R103	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R104	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R105	1-216-107-00	METAL CHIP	270K	5%	1/10W
R106	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R107	1-216-037-00	METAL CHIP	330	5%	1/10W
R108	1-216-041-00	METAL CHIP	470	5%	1/10W
R110	1-216-075-00	METAL CHIP	12K	5%	1/10W
R111	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R112	1-216-081-00	METAL CHIP	22K	5%	1/10W
R113	1-216-058-00	METAL GLAZE	2.4K	5%	1/10W
R114	1-216-058-00	METAL GLAZE	2.4K	5%	1/10W

RECEIVER | T1 | T2 | TRANSMITTER

Ref. No.	Part No.	Description				Remark
R115	1-216-025-91	METAL GLAZE	100	5%	1/10W	
R116	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	
R117	1-216-041-00	METAL CHIP	470	5%	1/10W	
R118	1-216-041-00	METAL CHIP	470	5%	1/10W	
R120	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R121	1-216-121-91	METAL GLAZE	1M	5%	1/10W	
R122	1-216-037-00	METAL CHIP	330	5%	1/10W	
R123	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R124	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R125	1-216-041-00	METAL CHIP	470	5%	1/10W	
R126	1-216-041-00	METAL CHIP	470	5%	1/10W	
R127	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R128	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R129	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R701	1-216-037-00	METAL CHIP	330	5%	1/10W	
R703	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R704	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R705	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R706	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R707	1-216-091-00	METAL CHIP	56K	5%	1/10W	
R708	1-216-041-00	METAL CHIP	470	5%	1/10W	
R709	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R710	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R711	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R712	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R713	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R714	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
		< VARIABLE RESISTOR >				
RV101	1-238-854-11	RES, ADJ, CERMET 2.2K				
		< TRANSFORMER >				
T101	1-411-123-21	COIL, PHASE (B)				
T102	1-411-158-21	COIL, PHASE B2				
**********						
*	1-657-397-11	T1 BOARD				
		********				
		< CONNECTOR >				
CN901	1-580-230-11	PIN, CONNECTOR (PC BOARD) 2P				
		< FUSE >				
⚠F901	1-532-284-00	FUSE, CYLINDRICAL TIME-LAG (630mA/250V) (AEP, UK, G)				
⚠F901	1-576-103-11	FUSE (1.6A/250V) (US, CND)				
		< FUSE HOLDER >				
FH901	1-533-293-11	FUSE HOLDER				
FH902	1-533-293-11	FUSE HOLDER				
**********						
*	1-657-398-11	T2 BOARD				
		********				
		< CONNECTOR >				
CN904	1-691-771-11	PLUG (MICRO CONNECTOR) 9P				
		< RESISTOR >				
⚠R902	1-249-381-11	CARBON	1	5%	1/4W	F
⚠R903	1-249-381-11	CARBON	1	5%	1/4W	F
**********						
*	A-4389-790-A	TRANSMITTER BOARD, COMPLETE				
		**********				
		< CAPACITOR >				
C501	1-126-602-11	ELECT CHIP	3.3uF	20%	50V	
C502	1-126-193-11	ELECT	1uF	20%	50V	
C504	1-126-602-11	ELECT CHIP	3.3uF	20%	50V	
C505	1-104-760-11	CERAMIC CHIP	0.047uF	10%	50V	
C506	1-126-603-11	ELECT CHIP	4.7uF	20%	35V	
C507	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	
C508	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C509	1-126-602-11	ELECT CHIP	3.3uF	20%	50V	
C510	1-126-204-11	ELECT CHIP	47uF	20%	16V	
C511	1-126-602-11	ELECT CHIP	3.3uF	20%	50V	
C512	1-164-505-11	CERAMIC CHIP	2.2uF		16V	
C513	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V	
C516	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C517	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V	
C518	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V	
C519	1-126-602-11	ELECT CHIP	3.3uF	20%	50V	
C520	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C522	1-164-505-11	CERAMIC CHIP	2.2uF		16V	
C523	1-124-778-00	ELECT CHIP	22uF	20%	6.3V	
C524	1-163-241-11	CERAMIC CHIP	39PF	5%	50V	
C525	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V	
C526	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C601	1-124-779-00	ELECT CHIP	10uF	20%	16V	
C602	1-164-505-11	CERAMIC CHIP	2.2uF		16V	
C603	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
		< DIODE >				
D501	8-719-049-64	DIODE	MA715-TX			
D504	8-719-945-44	DIODE	SVC203CP-A			
D601	8-719-992-14	DIODE	LIR5BEA			
D602	8-719-992-14	DIODE	LIR5BEA			
D603	8-719-992-14	DIODE	LIR5BEA			

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
D604	8-719-992-14	DIODE LIR5BEA	
D605	8-719-992-14	DIODE LIR5BEA	
D606	8-719-992-14	DIODE LIR5BEA	
D607	8-719-992-14	DIODE LIR5BEA	
D608	8-719-992-14	DIODE LIR5BEA	
D609	8-719-992-14	DIODE LIR5BEA	
D610	8-719-992-14	DIODE LIR5BEA	
D611	8-719-992-14	DIODE LIR5BEA	
D612	8-719-992-14	DIODE LIR5BEA	
D613	8-719-992-14	DIODE LIR5BEA	
D614	8-719-992-14	DIODE LIR5BEA	
D615	8-719-992-14	DIODE LIR5BEA	
D616	8-719-992-14	DIODE LIR5BEA	
D617	8-719-992-14	DIODE LIR5BEA	
D618	8-719-992-14	DIODE LIR5BEA	
D619	8-719-992-14	DIODE LIR5BEA	
D620	8-719-992-14	DIODE LIR5BEA	
		< IC >	
IC501	8-759-937-54	IC S-81250HG-RD-S	
IC502	8-759-064-92	IC NJM5532M-D	
		< COIL >	
L501	1-406-454-11	COIL (OSC)	
		< TRANSISTOR >	
Q506	8-729-200-87	TRANSISTOR 2SC2714-Y	
Q507	8-729-216-22	TRANSISTOR 2SA1162-G	
Q508	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q601	8-729-216-22	TRANSISTOR 2SA1162-G	
Q602	8-729-106-68	TRANSISTOR 2SD1615A-GP	
Q603	8-729-216-22	TRANSISTOR 2SA1162-G	
Q604	8-729-106-68	TRANSISTOR 2SD1615A-GP	
Q605	8-729-216-22	TRANSISTOR 2SA1162-G	
Q606	8-729-106-68	TRANSISTOR 2SD1615A-GP	
Q607	8-729-216-22	TRANSISTOR 2SA1162-G	
Q608	8-729-106-68	TRANSISTOR 2SD1615A-GP	
Q609	8-729-216-22	TRANSISTOR 2SA1162-G	
Q610	8-729-106-68	TRANSISTOR 2SD1615A-GP	
		< RESISTOR >	
R501	1-216-075-00	METAL CHIP 12K 5% 1/10W	
R502	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R503	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R504	1-216-089-91	METAL GLAZE 47K 5% 1/10W	
R505	1-216-105-91	METAL GLAZE 220K 5% 1/10W	
R507	1-216-095-00	METAL CHIP 82K 5% 1/10W	
R508	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R509	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R510	1-216-025-91	METAL GLAZE 100 5% 1/10W	
R511	1-216-089-91	METAL GLAZE 47K 5% 1/10W	
R512	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R513	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R514	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R515	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R516	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R517	1-216-111-91	METAL GLAZE 390K 5% 1/10W	
R518	1-216-025-91	METAL GLAZE 100 5% 1/10W	
R519	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R520	1-216-097-91	METAL GLAZE 100K 5% 1/10W	
R521	1-216-063-91	METAL GLAZE 3.9K 5% 1/10W	
R522	1-208-822-11	METAL CHIP 47K 0.50% 1/10W	
R523	1-216-660-11	METAL CHIP 2.4K 0.5% 1/10W	
R524	1-216-063-91	METAL GLAZE 3.9K 5% 1/10W	
R525	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R527	1-216-055-00	METAL CHIP 1.8K 5% 1/10W	
R528	1-216-063-91	METAL GLAZE 3.9K 5% 1/10W	
R529	1-216-113-00	METAL CHIP 470K 5% 1/10W	
R530	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R531	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R601	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R602	1-216-302-00	METAL CHIP 2.7 5% 1/10W	
R603	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R604	1-216-302-00	METAL CHIP 2.7 5% 1/10W	
R605	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R606	1-216-302-00	METAL CHIP 2.7 5% 1/10W	
R607	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R608	1-216-302-00	METAL CHIP 2.7 5% 1/10W	
R609	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R610	1-216-302-00	METAL CHIP 2.7 5% 1/10W	

****

MISCELLANEOUS

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71	1-773-274-11	WIRE (FLAT TYPE) (27 CORE)
⚠112	1-575-651-21	CORD, POWER (AEP, G)
⚠112	1-690-958-11	CORD, POWER (US, CND)
⚠112	1-751-529-11	CORD, POWER (UK)
153	1-775-758-11	LEAD (WITH CONNECTOR)
154	1-537-337-41	TERMINAL BOARD (2P. SP)
155	1-775-407-11	CORD (WITH PLUG)
⚠206	1-575-042-41	CORD, POWER (US, CND)
⚠206	1-775-413-21	CORD, POWER (AEP, G)
⚠206	1-775-785-21	CORD, POWER (UK)
209	1-537-337-41	TERMINAL BOARD (2P. SP)
⚠F301	1-532-613-XX	FUSE, CYLINDRICAL TIME-LAG (200mA/250V) (AEP, UK, G)
⚠F301	1-532-819-11	FUSE (500mA/250V) (US, CND)
⚠F901	1-532-284-00	FUSE, CYLINDRICAL TIME-LAG (630mA/250V) (AEP, UK, G)

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Ref. No.	Part No.	Description	Remark
⚠F901	1-576-103-11	FUSE (1.6A 250V) (US, CND)	
SP201	1-504-924-11	SPEAKER (10CM)	
SP202	1-504-924-11	SPEAKER (10CM)	
SP600	1-504-912-11	SPEAKER (2.5CM)	
SP601	1-504-913-11	SPEAKER (10CM)	
SP602	1-504-914-11	SPEAKER (12CM)	
SP603	1-504-915-11	SPEAKER (16CM)	
SP604	1-504-912-11	SPEAKER (2.5CM)	
SP605	1-504-913-11	SPEAKER (10CM)	
SP606	1-504-914-11	SPEAKER (12CM)	
SP607	1-504-915-11	SPEAKER (16CM)	
⚠T301	1-429-134-11	TRANSFORMER, POWER (US, CND)	
⚠T301	1-429-135-11	TRANSFORMER, POWER (AEP, UK, G)	
⚠T901	1-429-090-11	TRANSFORMER, POWER (US, CND)	
⚠T901	1-429-091-11	TRANSFORMER, POWER (AEP, UK, G)	

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Consumer A&V Products Company
Home A&V Products Div.

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